3-11-78 to 5-24-78

TOP FLIGHT

MEMOBOOK

MB—19 END OPEN
MB—20 SIDE OPEN

4 IN. X 6 IN. **60 SHEETS**

TOP FLIGHT PAPER PRODUCTS, INC. CHATTANOOGA, TENNESSEE 37402

James W Eckes

6207 Newman Rd
Fairfax Va 22030

37 sp.

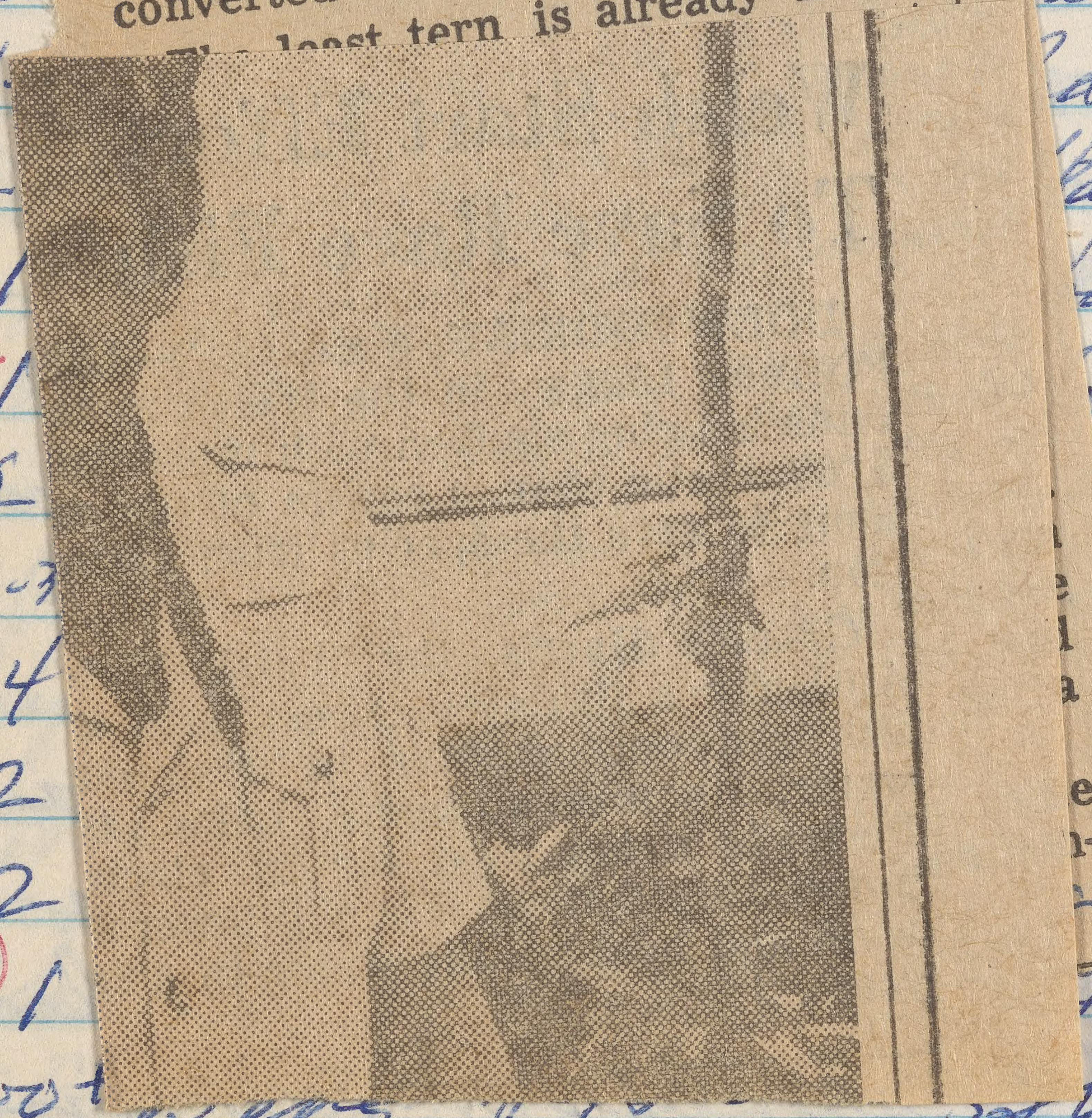
4-28-78

Breeding Ground Of Rare Calif. Tern Now a Parking Lot

LOS ANGELES (AP)—Any day now, the California least terns will return to their nesting spot on Terminal Island in Los Angeles Harbor of the automobile age.

For four of the last five years, one of their nesting sites has been an abandoned airstrip known as Reeves Field. However, during the last few weeks, the Harbor Department has converted the site into a parking lot.

The least tern is already listed as



— 57°
increasing
ft., and
heavy clouds

30-4 Doves
3-4 Crows
6-80 Jays
4 Red-wings
3- Starlings
1 House Sps.
1 Song "
1 Wrens
20-3
3-4
2
2
1 Grosbeaks
200+ Grackles

37 sp.

4-28-78

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LOS ANGELES (AP)—Any day now, the California least terns will return to their nesting spot on Terminal Island in Los Angeles Harbor of the automobile age.

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The least tern is already listed as an endangered species by the state and federal government. At present it is estimated only 775 pairs of the rare birds survive. Wildlife experts say the Terminal Island site accounted for 80 young birds last year.

Harbor Department General Manager Fred Crawford pointed out the department has cleared an area of beach as an alternative breeding area. However, a member of the Least Tern Recovery Team says she fears that the terns instead will be disrupted and confused, leading ultimately to a breeding failure.

The least tern, measuring nine inches, is the smallest of the tern family.

The Wash Post

Welsh Start Effort To Save Rare Fish

DOLWYDDEIAN, Wales (AP)—Lake Ffynnon Llugwy in the Welsh mountains is being stocked with more than 3,000 Arctic char, a cousin of the salmon, to save the species from extinction.

Graeme Harris, the Welsh Water Authority's fisheries expert, said the fish can only survive in deep cold water. Its present home, Lake Llyn Peris, is being used for an electric power development that will lower the level and heat up the water in a few years.

(*) 1 Red-sh... Grosbeaks

200+ Ring-b. Gulls 5 Grackles

ed nuts, screws and bolts.

The House Ways and Means Committee voted, 21 to 16, to sustain Carter's Feb. 14 decision keeping low tariffs on such fasteners. It voted against its own trade subcommittee, which advised overturning the Carter decision and slapping on high tariffs.

The International Trade Com-

37 sp.

-78 Sat. 35° — 57°

ar, calm; increasing
thin clouds in aft., and
SW, 5-15 mph. Heavy clouds
:00 P.M.

te-throats 20-30 Doves
ncos 4-5 Crows

200+ Ring-b. Gulls 5 Grackles

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The House Ways and Means Committee voted, 21 to 16, to sustain Carter's Feb. 14 decision keeping low tariffs on such fasteners. It voted against its own trade subcommittee, which advised overturning the Carter decision and slapping on high tariffs.

The International Trade Com-

37 sp.

3-11-78 Sat. 35° – 57°

Clear, calm; increasing high, thin clouds in aft., and wind SSW, 5-15 mph. Heavy clouds by 4:00 P.M.

30-40 White-throats	20-30 Doves
3-4 Juncos	4-5 Crows
6-8 White-crowns	4-6 Jays
4-5 Purple Finches	25+ Red-wings
✓ 3-4 Pine Siskins	4-5 Starlings
1 Towhee (S)	3-4 House Sps.
* 1 Meadowlark (S)	2-4 Song "
2 Bluebirds (S)	2 C. Wrens
20-30 Cardinals	4-5 Goldfinches
3-4 Mockers	4-5 Chickadees
2 Red-bellies	3-4 Titmice
2 Downys	2 Nuthatches
* 1 Red-shoulder	2 Eve. Grosbeaks
200+ Ring-b. Gulls	5 Grackles

1 Field Sp. (S) * 1 Killdeer 2:35 P.M.
1 Pil. Woodpecker 2 Barred Owls (C)
✓1 Yellow-r. W. 1 TV
✓1 Ring-n. Pheasant * 1 Flicker
✓1 Br. Thrasher (S)

✓ 200+ Ring-b. Gulls, S-N, in a number of small flocks.

38 Nº

3-12-78 Sun. 38° — 57° overcast, good sun by mid-day, mostly clear in aft. Wind NE, 5-10 mph. in aft.

Away 10:00 A.M.-3:00 P.M.; 3:30-5:00 P.M.

35-40 White-throats 20+ Doves
3-4 Juncos 4-5 Crows
6-8 White-crowns 4-5 Jays
7-8 Purple Finches 1000+ Grackles ✓
5-6 Pine Siskins 6-700 Red-wings

Woodchuck 8:25 A.M.

*
1 Red-shoulder 6-10 Starlings
2-4 Bluebirds 3 ✓ 3-4 House Sps.
* 3 Fox Sparrows 2-4 Song "
* 40-50 Robins 2 C. Wrens
20-25 Cardinals 6-10 Goldfinches
3-4 Mockers 4-5 Chickadees
2 Red-bellies 3-4 Titmice
2 Downys 2 Nuthatches
1 Towhee (S) 5-600 Ring-b. Gulls ✓
* #? C. Geese ✓ 50± Herring " ✓
1 Killdeer all day 1 Meadowlark (S)
1 Sharp-shin flying by 2 Yellow-r. Ws.
1 Br. Thrasher (S) 2 TVs
8 C. Waxwings 1 Field Sp.

✓ Only a wild estimate for gulls — drifting in hundreds, scores + dozens all day, + from here to Woodbridge + back — all flying S-N.
✓ Same for grackles — all day.
3✓ Pair of Bluebirds at box, and mating.

✓ Apparently small flock of C. Geese, flying SE–NW – behind trees.

36 sp.

3-13-78 Mon. 34° – 50°
High, hazy clouds early, clearing for a time, then overcast in afternoon; wind ESE, 5–10 mph.

40-50 White-throats	20+ Doves
4 Juncos	4-5 Crows
6-8 White-crowns	4 Jays
6-8 Purple Finches	2000? Grackles ✓
6-8 Pine Siskins	500? Red-wings
✓ 1 Fox Sparrow	6-10 Starlings
1 Ring-n. Pheasant	4-5 House Sps
50-60 Robins 1S	2-4 Song "
20-25 Cardinals	2 C. Wrens
3-4 Mockers	6-8 Goldfinches

Chipmunk

2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
200? Ring-b. Gulls	2 Nuthatches
5-6 Herring Gulls	1 Red-shoulder
2 C. Geese prob. local	1 Meadowlark (S)
1 Killdeer	1 Br. Thrasher
4-5 C. Waxwings	1 TV

✓ 2 Barred Owls (2c)
✓ 1 Woodcock ✓

✓ Great Woodcock display over Hampshire's meadow at 6:30 P.M. – peenting & twittering.
✓ Great clamor of Grackles along Colchester Rd. at 6:30 P.M.

3-14-78 Tues. 44° – 59°.
Overcast – quite a bit of lightning in evening.

Chipmunk

35-50 White-throats	20+ Doves
4-5 Juncos	4-5 Crows
6-8 White-crowns	4-6 Jays
5-6 Purple Finches	2000? Grackles
5-6 Pine Siskins	400? Red-wings
(*) 1 Red-shoulder	6-8 Starlings
20-30 Robins	3-4 House Sps.
20-25 Cardinals	2-4 Song "
3-4 Mockers	2 C. Wrens
1 Pil. Woodpecker	6-8 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
#? Ring-b. Gulls	2 Nuthatches
#? Herring "	5-6 C. Waxwings
✓ 1 Fox Sp.	1 Br. Thrasher (S)
1 Killdeer	✓ 1 Towhee (S)
2 Bluebirds	✓ 2 Tree Sparrows
✓ 1 Field Sp. (S)	2 Yellow-r. Ws.

3-15-78 Wed. 42°-54°
Cloudy; clearing by 9:00 A.M. - Wind NNE, 5-25 mph. Fine day!

30-40 White-throats	20+ Doves
4-5 Juncos	5-6 Crows
6-8 White-crowns	3-4 Jays
4-5 Purple Finches	200+ Grackles
5-6 Pine Siskins	40-50 Red-wings
2 Bluebirds	20-25 Starlings
#(?) C. Geese local	3-4 House Sps.
1 Br. Thrasher (S)	2-4 Song "
1 Field Sparrow	2 C. Wrens
20+ Cardinals	5-6 Goldfinches
3-4 Mockers	4-5 Chickadees
30-40 Robins	3-4 Titmice
2 Red-bellies	2 Nuthatches
2 Downys	2 Bluebirds
✓ 1 Fox Sparrow	1 Cowbird

3-4 Yellow-r. Ws. 1 Towhee
20-25 Ring-b. Gulls 1 TV 2x
1 Killdeer ⊛ 1 Red-shoulder
1 Herring Gull

3-16-78 Thurs., 35° - ~~34°~~ 41°
Overcast; light rain + sleet began 7:30 A.M. - mixed with snow at 8:15 A.M. to 8:30; occ. drizzle + sleet - heavy fall of snow pellets 2:45-3:00 P.M. - then light snow + rain.

35-50 White-throats Δ 20+ Doves Δ
4-5 Juncos Δ 45 Crows
6-8 White-crowns Δ 4-5 Jays Δ
4-5 Purple Finches Δ 2-300 Grackles 1 Δ
5-6 Pine Siskins Δ 15 Starlings
1 Br. Thrasher Δ 3-4 House Sps. pr Δ
1 Ring-n. Pheasant 30-40 Red-wings - 1 Δ

100+ (?) Ring-b. Gulls 2 C. Wrens Δ
30-40 Robins 6-8 Goldfinches Δ
20-25 Cardinals Δ 4-5 Chickadees Δ
3-5 Mockers Δ 3-4 Titmice Δ
2 Red-bellies Δ 2 Nuthatches Δ
2 Downys Δ 1 Field Sp. (S)
1 Herring Gull ⊛ 1 Red-shoulder
1 Towhee Δ ♂ ✓ 1 Tree Sparrow Δ
30 C. Waxwings

Note: 3/29/42 = 13½" of snow here = 36" in upper Montgomery Co.

Today - sunrise 6:17 A.M. - Sunset 6:17 P.M.

3-17-78 Fri., 34° -
Clear until ~~late~~ about 10:30 - brief flurries of snow at 11:00 A.M. -, scattered clouds 10:30 on - wind N, 10-15 mph.

32 sp. Away 9-12:15 P.M.

35-50 White-throats	20+ Doves
4-5 Juncos	4-6 Crows
6-8 White-crowns	3-4 Jays
4-5 Purple Finches	50+ Grackles
4-6 Pine Siskins	30-40 Red-wings
2 Meadowlarks	1 Cowbird
1 Towhee	12-15 Starlings
1 Br. Thrasher	3-4 House Sps.
25-40 Robins	2-4 Song "
20-25 Cardinals	2 C. Wrens
3-4 Mockers	6-8 Goldfinches
1 Pil. Woodpecker	4-8 Chickadees
2 Red-bellies	3-4 Titmice
2 Downys	2 Nuthatches
(*) 1 Red-shoulder	1 Field Sp. (s)
1 2 C. Waxwings	1 T V 2x
✓ 2 Bluebirds	

3-18-78 Sat. 27° – 44°
Partly cloudy; wind NNE, 10-20 mph.-shifting to ESE in late afternoon.

31 sp.

35-50 White-throats	20+ Doves 4Δ
6 Juncos	7 Crows
6-8 White-crowns	4 Jays Δ
4 Purple Finches	30-40 Grackles 2Δ
✓ 4-6 Pine Siskins	10-15 Red-wings 1S Δ
1 Br. Thrasher (s)	10-15 Starlings
✓ 1 Towhee 2 Δ (s)	3-4 House Sps. Δ
(*) 1 Red-shoulder	2-4 Song " Δ
20-30 Robins	2 C. Wrens Δ
20-30 Cardinals	6-8 Goldfinches
3-4 Mockers	4-5 Chickadees
2 Red-bellies	3-4 Titmice
2 Downys	2 Nuthatches
1 Ring-b. Gull	1 Field Sp.
1-2 C. Waxwings	1 T V 2x
2 Bluebirds	

3-19-78 Sun. 43° – 70°
Few high, wispy clouds; wind SE, shifting to West, NW, & around to NNE, 10-25± mph in gusts

Heavy clouds in afternoon -
but a great day!

35-50 White-throats	20+ Doves
5 Juncos	5-6 Crows
6-8 White-crowns	4 Jays
4-5 Purple Finches	300 / 200-300 Grackles
5-6 Pine Siskins	10-15 Red-wings
1 Br. Thrasher	6-8 Starlings
↓ Ring-b. Gulls / Herring Gulls	3-4 House Sps.
	2-4 Song "
1 Towhee	2 C. Wrens
75-100 Robins	6-8 Goldfinches
20-25 Cardinals	4-5 Chickadees
3-4 Mockers	3-4 Titmice
2 Red-bellies	2 Nuthatches
2 Downys	1-2 Field Sps.
1 Pil. Woodpecker	1 Meadowlarks
✓ 2 Barred Owls (20)	1 Cowbird
	1 T V 3X

✓ ↓ Perhaps 1000+ Gulls - majority Ring-billed circling north all morning - few hundred going south in afternoon.

3-20-78 Mon. 33° - 56°
Spring arrives 6:34 P.M.!
Mostly clear - chilly in A.M. - wind shifting all day, 10-25 mph.

35-50 White-throats	20+ Doves
5-6 Juncos	5-6 Crows
6-10 White-crowns	3-4 Jays
4-6 Purple Finches	200+ Grackles
4 Pine Siskins	50+ Red-wings
⊛ 1 Red-shoulder	10-15 Starlings
100-150 Ring-b. Gulls	3-4 House Sps.
75-100 Robins	2-4 Song "
20-25 Cardinals	2 C. Wrens
3-4 Mockers	4-5 Goldfinches

2 Red-bellies 4-5 Chickadees
2 Downys 3-4 Titmice
1 T V 2 Nuthatches
✗ 1 Broad-w. Hawk 1 Field Sp.
✓ 1 Yellow-r. W. 2 Meadowlarks
✗ 5-6 Rusty Blackbirds ✓ C. Geese
✓ 1 Ring-n. Pheasant 10 C. Waxwings

✓ Flock of C. Geese early - behind trees - apparently only 20-30 (SE-NW); another flock of 125-150 SE-NW about 6:25 PM.
✓ Broadwing circling S-N, 9:30 AM.

3-21-78 Tues. 40° - 75°
High, hazy clouds; cloudier in P.M. - wind SSW, 10-35 mph, all day - gusty.
Great day!
Very light shower 8:55 P.M. + later - with distant lightning.

35-50 White-throats	20+ Doves
5-6 Juncos	5-6 Crows
6-8 White-crowns	3-4 Jays
4-5 Purple Finches	100+ Grackles
5 Pine Siskins	10-20 Red-wings
60-70 Robins	10-15 Starlings
20-25 Cardinals	3-4 House Sps.
3-4 Mockers	2-4 Song "
✗ 3 Flickers	2 C. Wrens
2 Red-bellies	8-10 Goldfinches
2 Downys	4-5 Chickadees
1 Towhee (s)	3-4 Titmice
1 Br. Thrasher (s)	2 Nuthatches
1 Ring-n. Pheasant (c)	1-2 Field Sps.

Spring Peepers!!

75-100 Ring-b. Gulls 1 TV
25-30 C. Waxwings ✓1 Killdeer
2 Meadowlarks (S) 2 Bluebirds
(*) 1 Red-shoulder

3-22-78 Wed. 43° — 63°
Cloudless; wind SSE, 5-15
mph. – scattered thin clouds
mid-day. Just wonderful!

35-50 White-throats Doves
6 Juncos 5-6 Crows
6-8 White-crowns 2-3 Jays
37 ~~35~~ Purple Finches 20 300+ 15 Grackles
4-6 Pine Siskins 20-25 Red-wings
2-3 Eve. Grosbeaks ✓ 8-10 Starlings
20-25 Ring-b. Gulls 2-3 House Sps.
75-100 Robins 2-4 Song "
20+ Cardinals 2 C. Wrens

3-4 Mockers 6-10 Goldfinches
5 Flickers 4-5 Chickadees
2 Red-bellies 3-4 Titmice
2 Downys 2 Nuthatches
1 Ring-n. Pheasant 2 Field Sps.
✓1 Yellow-r. W. 1-2 Meadowlarks
1 Pil. Woodpecker 1 Towhee (S)
2 C. Waxwings

3-23-78 Thurs. 43° — 71°
Cloudless early; rather
cloudy mid-day; then
clearing mid-aft. on – wind
ENE, 2-10 mph.

35-50 White-throats 20+ Doves
6 Juncos 5-6 Crows
6-8 White-crowns 2-3 Jays
2-3 Purple Finches 100+ Grackles
4-6 Pine Siskins 20+ Red-wings

2 Chipmunks Δ
Spring Peepers at Clifton

✓
#? C. Geese 5-N 1:30 AM ✓ 15-20 Starlings
40-50 Ring-b. Gulls 4-5 House Sps.
75-100 Robins 2-4 Song "
20+ Cardinals 2 C. Wrens
3-4 Mockers 6-8 Goldfinches
2 Red-bellies 4-5 Chickadees
2 Downys 3-4 Titmice
10 Eve. Grosbeaks N-S 2 Nuthatches
1 Bluebird 1 Field Sp.
1 Fish Crow 2 Meadowlarks
1 Flicker 1 Cowbird
7 C. Waxwings (*) 1 Red-shoulder
(*) 1 Kestrel ♂ in front yard ✓ 1 House Finch Δ ♂

3-24-78 Fair, 49° - 55°
Overcast; wind NNE, 5-15 mph.
occ. sunshine -

35-50 White-throats 20+ Doves
6 Juncos 5-6 Crows
6-8 White-crowns 3 Jays
4 Purple Finches 200+ Grackles
4 Pine Siskins 20+ Red-wings
* 20 Whistling Swans S-N 4:45 AM 10-15 Starlings
500+(?) Robins 3-4 House Sps.
20+ Cardinals 2-4 Song "
3-4 Mockers 2 C. Wrens
9 Flickers. 5-6 Goldfinches
2 Red-bellies 4-5 Chickadees
2 Downys 3-4 Titmice
✓ 1 Fish Crow 2 Nuthatches
15-20 Ring-b. Gulls 1 Field Sp.
✓ 6 Killdeers S-N 10 Cowbirds
✓ 6 Eve. Grosbeaks 60 4 TVs
* 2 Wood Ducks 24 C. Waxwings
1 Ring-n. Pheasant 1 Meadowlark
~~* 1 Kingfisher~~

3-25-78 Sat. 34° – 42°
Heavy overcast; light rain
began 7:40 A.M. – interm. –
occ. hail –

35-50 White-throats	20+ Doves
5-6 Juncos ✓	5-6 Crows
6-8 White-crowns	4 Jays
3 Purple Finches	200-300 Grackles
5 Pine Siskins	20+ Red-wings
1 Pine Warbler(s)	10-15 Starlings
20 Whistling Swans 5-N ✓	3-4 House Sps.
4-500 Robins ✓	2-4 Song "
20+ Cardinals	2 C. Wrens
3-4 Mockers	6-8 Goldfinches
1 Pil. Woodpecker	4-5 Chickadees
8 Flickers	3-4 Titmice
2 Red-bellies	2 Nuthatches
2 Downys	1 Field Sp.

2 Chipmunks Δ

2 Fish Crows ✓ 1 Fox Sparrow Δ
30 Ring-b. Gulls ✓ 1 Meadowlark
1 TV

✓ To Clifton & back – mixture of a few hundred Juncos and unidenty. sparrows –

✓ 20 Whistling Swans, S-N, low over house at 6:45 A.M.
✓ probably a few thousand Robins in fields enroute to Centreville & back.
✓ Many thousands of Gulls (mostly Ring-billed, but quite a few Herring at Landfill & on West Ox Road Park. Gulls were shoulder-to-shoulder for acres –

3-26-78 Sun. 35° – 45°
Easter Sunday.
Intermittent rain all night – continuing today – occ. hard showers – ending about 4:00 P.M.

35-50 White-throats	20+ Doves
6-10 Juncos	4-5 Crows
6-8 White-crowns	4 Jays
3-4 Purple Finches	200+ Grackles
4-6 Pine Siskins	20+ Red-wings
300-400 Robins	10-15 Starlings
20-25 Cardinals	3-4 House Sps.
3-4 Mockers	2-4 Song "
2 Red-bellies	2 C. Wrens
2 Downys	6-10 Goldfinches
3 C. Waxwings	4-5 Chickadees
100? Ring-b. Gulls	3-4 Titmice
10-15? Herring Gulls	2 Nuthatches Δ
2 Flickers	2 Field Sps. Δ

2 Wood Ducks to Pond

3-27-78. Mon. 40° – 57°
Occ. showers during night. Official rainfall from Sat. to 10:00 P.M. last night was 2.43". Showers to about 9:00 A.M. Wind ENE, 5-15 mph.

35-50 White-throats	20+ Doves
6 Juncos	4-5 Crows
6-8 White-crowns	3-4 Jays
2-3 Purple Finches	100+ Grackles
5 Pine Siskins	20-30 Red-wings
100+ Ring-billed Gulls	10-15 Starlings
8-10 Herring Gulls	3-4 House Sps.
200+ Robins	2-4 Song "
20-25 Cardinals	2 C. Wrens
3-4 Mockers	6-8 Goldfinches

Concorde - 10:45 A.M.

2 Flickers	4-5 Chickadees
2 Red-bellies	3-4 Titmice
2 Downys	2 Nuthatches
✓ 1 Fox Sparrow Δ	2 Field sps.
✓ 4 Eve. Grosbeaks	1 Cowbird
✓ 1 Ring-n. Pheasant	1 TV 2X

3-28-78 Tues. 44° - 61°
Claire enters Arlington Hosp. today, for hip implant tomorrow —
Heavy clouds early — clearing by 7:30. Great day ~~for~~ weather
Away 11:50 A.M. on

35-50 White-throats	30+ Doves
5-6 Juncos	4-5 Crows
6-8 White-crown	3-4 Jays
3-4 Purple Finches	300+ Grackles
5-6 Pine Siskins	50-60 Red-wings

✓ 2 Barred Owls (c)	20-25 Starlings
✓ 2 Eve. Grosbeaks in yard	3-4 House Sps.
✓ 2 Bluebirds	2 Song "
200+ Robins	2 C. Wrens
20-25 Cardinals	6-10 Goldfinches
3-4 Mockers	4-5 Chickadees
2 Flickers	3-4 Titmice
2 Red-bellies	2 Nuthatches
2 Downys	2 Field Sps.
30+ Ring-b. Gulls	2 Meadowlarks
8 Ducks (Merg.) SE-NW 9:00 AM	⊛ 1 Red-shoulder {S-NE high 9:15 AM
✗ 1 Cooper's Hawk {S-N high 9:20 AM	⊛ 1 Red-sh. (Same 9:25 AM

3-29-78 Wed. 47° - 65°
~~In~~ hosp. at 7:00 A.M. - Claire to surgery area about 8:00 A.M. - ~~at~~ back to room about 1:20-1:30. Actual surgery 3½ hrs. In great pain - hypos every 3 hrs.

Beautiful day – some clouds
away until 5:30 P.M.
Wind NNE, 5-10 mph.
Birds from 5:30 P.M. on –

White-throats	
Juncos	Doves
White-crowns	Crows
Robins	Grackles
Cardinals	Red-wings
Mockers	Starlings
Red-bellies	House Sps.
Downys in yard	Chickadees
✓ Br. Thrasher (S)	Titmice
✓ Towhee (C)	Field Sps.

3-30-78 Thurs. 33°–50°
Cloudless; wind NNE, N, NW 10-20
mph. – chilly; skim of ice
on bird-bath. Beautiful day.

Away 8:30 A.M. – 12:30 P.M.

35-50	White-throats	20+	Doves
4	Juncos	7	Crows
6-8	White-crowns	5	Jays
3-4	Purple Finches	200+	Grackles
5-6	Pine Siskins	50+	Red-wings
1	Br. Thrasher (S) in yard	20	Starlings
100-200	Robins	3-4	House Sps.
20-25	Cardinals	2-4	Song "
3-4	Mockers	2	C. Wrens
2	Red-bellies	6-8	Goldfinches
2	Downys	4-5	Chickadees
3	Flickers	3-4	Titmice
2	Eve. Grosbeaks	2	Nuthatches
1	Towhee (S)	2	Field Sps.
(*) 1	Red-shoulder	10	Cowbirds
✓ 3	TVs	* 1	Chipping Sp. (S)
✓ 16	C. Waxwings	2	Meadowlarks

Jays & Mockers in courtship.

3-31-78 Fri. 36° - 57°
Cloudy; partial clearing beg. 8:00 A.M. - pretty cloudy all day; light NE wind

away 10:30 - 12:30 P.M.

35-50 White-throats	20+ Doves
4-6 Juncos	5-7 Crows
6-8 White-crowns	5 Jays
3-4 Purple Finches	200+ Grackles
5-6 Pine Siskins	20+ Red-wings
1 Br. Thrasher(s)	30 Starlings
100+ Robins	3-4 House Sps.
20+ Cardinals	2-4 Song "
3-4 Mockers	2 C. Wrens
3 Flickers	6-8 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downies	3-4 Titmice
2 Killdeers	2 Nuthatches
* 1 Merlin {SW-NE 8:50 AM	2 Field Sps.
(*) 1 Red-shoulder	(X) 1 Sharp-shin In yard - 10:00 A.M.

Great no. of bees at maple blossoms

10 Cowbirds	1 Chipping Sp. (S)
20-25 C. Waxwings	1 Barred Owl (S)

For past 3 days, thrasher has been singing beautifully in + around beech tree.

38th 4-1-78 Sat. 42° — 84°
Few scattered high clouds; winds SSW, 10-15 m.p.h., shifting to W, NW + N, gusting to 40-45 mph.

away 11:00 A.M. - 3:20 P.M.

35-50 White-throats	20+ Doves
6-8 Juncos	6-7 Crows
6-8 White-crowns	4-6 Jays
3-5 Purple Finches	50+ Grackles
5-6 Pine Siskins	20+ Red-wings
1 Br. Thrasher(s)	30+ Starlings
21(?) Ring-b. Gulls 3/2 ad	3-4 House Sps.
100+ Robins	2 Song "
20+ Cardinals	2 C. Wrens
3-4 Mockers	10-15 Goldfinches

17 Chapter members saw one osprey over Burke Lake -

5 Flickers 4-5 Chickadees
2 Red-bellies 3-4 Titmice
2 Downys 2 Nuthatches
20+ C. Waxwings 2 Field Sps.
1 Killdeer 1 Sharp-shin in Sanctuary
1 Red-shoulder 2 Meadowlarks
2 Broadwing (C) 7-9 Eve. Grosbeaks
(*) 1 Red-tail 1 TV
* 1 Purple Martin 4:45 PM
(*) 1 Cooper's Hawk {SW-NE 6:25 PM

✓ 3 Ring-b. Gulls to landfill in A.M. - 18 returning 4:15 PM.
✓ Imm. ♂ P. Martin circling low over house at 4:45 P.M. - then heading toward Clifton.
✓ 7 E. Grosbeaks together in clothes-line tree early - then twos in White Oak an hour or so later.

4-2-78 Sun. 49° - 56°
Cloudless; cold wind NNE, 10-25 mph.; cloud in afternoon - wind same to about 4:00 P.M.

30-35 White-throats 20+ Doves 6A
4-6 Juncos 6-7 Crows
2-3 White-crowns 3-4 Jays
3-4 Purple Finches 200+ Grackles
5-6 Pine Siskins 20+ Red-wings
✓ 2 Eve. Grosbeaks ♂♀ 6-10 Cowbirds
1 Br. Thrasher (S) 20+ Starlings
2 Bluebirds 3-4 House Sps.
100+ Robins 2 Song "
20+ Cardinals 2 C. Wrens
3-4 Mockers 8-12 Goldfinches
5 Flickers 4-5 Chickadees
2 Red-bellies 3-4 Titmice
2 Downys 2 Nuthatches

✓ 1 House Finch ♂ ♀ 1 Cooper's Hawk {S-W low, 8:55 AM
3-4 C. Waxwings 2 Field Sps (1♂)
1 Fish Crow

✱ C L E saw P. Martin at Arlington Hospital

4-3-78 Mon. 42° - 45°
overcast - very light shower in early morning hours - sec. light showers all day - wind later aft S, 10-20 m/h
away 9:15 - 1:30 PM

35-50 White-throats	20+ Doves ✓
4-6 Juncos	5-7 Crows
2-4 White-crowns	4 Jays
4 Purple Finches 2♂ 2♀	200+ Grackles
6-8 Pine Siskins	20+ Red-wings
200+ Robins	10 Cowbirds
20+ Cardinals	20+ Starlings
3-4 Mockers	3-4 House Sps.
8 Flickers	2-4 Song Sps.
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
1 Br. Thrasher	2 Nuthatches
✱ 1 Red-shoulder	2 Field Sps.
3-4 C. Waxwings	1 Chipping Sp.
✱ 1 Red-tail	✓ 2 Wood Ducks {to Pond 5:00 PM
✱ 1 Kingfisher	1 TV {5:05 PM in drizzle
2 Killdeers	

1 Dove with mussed up head feathers in ♂ again.

39 sp.

4-4-78 Tues. 42° - 66°.
overcast - partial clearing about 8:00 A.M. - wind E SE, 5-10 mph in afternoon.

30-35 (?) White-throats ✓	20+ Doves
3-4 Juncos	6-7 Crows
4-8 White-crowns	4 Jays
3-4 Purple Finches	100-300 Grackles
4-6 Pine Siskins	20+ Red-wings

1 Br. Thrasher 3-4 Cowbirds
✓ 1 Kingfisher 30 Starlings
100+ Robins 3-4 House Sps.
20-25 Cardinals 2-4 Song "
3-4 Mockers 3 C. Wrens (25)
3 Flickers 20+ Goldfinches
2 Red-bellies 4-5 Chickadees
2 Downys 3-4 Titmice
1 Killdeer 7+ 2 Nuthatches
2 Bluebirds 2 Field Sps.
✓ 1 Eve. Grosbeak 1 Chipping Sps.
1 Towhee 2 Meadowlarks (78)
✓ 1 Mallard ♂ ↑N-S prob. local 6 TVs
✗ 2 Ruby-cr. Kinglets ✓
10 C. Waxwings
✓ One scolding early A.M.; one singing 5:15 P.M.
✗ White-throats now dispersed about the yard a great deal - could be many more.

36 sp.

4-5-78 Wed. 60°-65°
Partly cloudy, mild; wind SSW, shifting to NNE, 10-20 m.ph.

Away 1:40-5:30 P.M.

35-40 White-throats 20+ Doves 5△
150-200 Juncos ✓ 3-4△ 6-7 Crows
4-5 White-crowns 4 Jays
3-4 Purple Finches 200+ Grackles
6-10 Pine Siskins 20+ Red-wings
2 Br. Thrashers 2△ 8-10 Cowbirds
1 Towhee ♂ (1) in yard △ 4-5✗ 30-40 Starlings
2 Bluebirds 4-5(?) House Sps.
200+ Robins ✓ 2-4 Song "
20+ Cardinals 3 C. Wrens
3-4 Mockers 10-15 Goldfinches
9 Flickers 4-5 Chickadees
2 Red-bellies 3-4 Titmice
2 Downys 2 Nuthatches
✓ 1 Eve. Grosbeak 2 Meadowlarks

✓1 Ruby-cr. Kinglet (S) 2 Field Sps.
3-4 C. Waxwings Chipping Sp.
(*)1 Sharp-shin 2X. 3 T V's

✓ Robins overhead and all about all day - males becoming very combative - beginning to pair off with females.
✓ 3-4 Juncos in A, but 150-300 passing across lawn this A.M.

4-6-78 Thurs., 36° — 54°
Overcast, chilly;

Woodchuck!

35-50 White-throats	20+ Doves
5-6 Juncos	5-7 Crows
5-6 White-crowns	4-6 Jays
5 Purple Finches 3♂ 2♀	300+ Grackles
7-10 Pine Siskins	20+ Red-wings
2 Br. Thrashers	5-6 Cowbirds
1 Towhee ♂	20 Starlings
200+ Robins	3-4 House Sps.
20+ Cardinals	2-4 Song "
3-4 Mockers	2 C. Wrens
5 Flickers	8-10 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
1 Killdeer	2 Nuthatches
2 Eve. Grosbeaks 2♂	2 Field Sps.
(*) ✓ 1 Red-shoulder	1 Chipping Sp.
1 Pine W. (S)	2 Meadowlarks

4-7-78 Fri 46° - 74° (~~44°~~)
Cloudy early (tiny shower last night) - clearing by 7:30 A.M. Wind NNE, then NW, 20-35 mph.
away 1:00 - 4:30 PM

35-50 White-throats	20+ Doves
5-6 Juncos	5-6 Crows
4-6 White-crowns	4-5 Jays
3-4 Purple Finches	500+ Grackles ✓
7-10 Pine Siskins	20+ Redwings 1Δ
2 Br. Thrashers	10-12 Cowbirds
1 Towhee	20-25 Starlings
200+ Robins	3-4 House Sps.
20-25 Cardinals	2-4 Song "
3-4 Mockers	2 C. Wrens
9 Flickers	8-12 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
2 Bluebirds	2 Nuthatches
1 TV 2X	2 Meadowlarks

Woodchuck

✓1 Ruby-cr. Kinglet 2 Field Sps.
1 Red-tail 1 Chipping Sp.
10 Tree Swallows { SE-NE 9 at 5:15 - 5:20
1 Sharp-shin { 4:52 PM 4:50 PM (circling)
✓ 2 Wood Ducks {

✓ Only a guess - many Grackles shuttling back & forth all day.

4-8-78 Sat. 56° - 70°
Cloudy in A.M.; wind NW, 10-30 mph. N all afternoon. Rather cloudy all day - but a great day.

35-50 White-throats Δ	20+ Doves 4Δ
4-6 Juncos Δ	6-7 Crows
4-6 White-crowns Δ	4 Jays Δ
3 Purple Finches Δ	300+ Grackles 4Δ
6-10 Pine Siskins Δ	20+ Red-wings 1Δ
2 Br. Thrashers Δ	10-15 Cowbirds

Woodchuck - Bat
Chipmunk

1 Towhee ♂ Δ 20-30 Starlings
2 Bluebirds 3-4 House Sps. Δ
1 Ruby-cr. Kinglet [S] 2-4 Song " Δ
200+ Robins 2 C. Wrens
20-25 Cardinals Δ 8-10 Goldfinches Δ
3-4 Mockers 4-5 Chickadees Δ
7 Flickers 3-4 Titmice Δ
✓ 3 Red-bellies 2♀ 1♂ Δ 2 Nuthatches Δ
2 Downys Δ 2 Meadowlarks
✱ 1 Red-shoulder {SW-NE high 8:50 AM} 2 Field Sps.
⊛ 2 Broad-wings {SW-NE very high 10:10 AM} 1 Chipping Sp.
⊛ 1 Red-shoulder 3 T.V.s
✓ 3 Tree Swallows ⊛ 1 Sharp-shin
⊛ 1 Broad wing {S-N 10:22 AM} ✓ 6 Ring-b. Gulls
⊛ 1 Red-shoulder {SW-NE 11:20 AM} ✓ 2 Mallards
⊛ 1 " " {Circling 12:45 PM} ⊛ 1 Red-tail {S-NE 2:40}
✗ 3 Barn Swallows {S-N 3:20 PM}
✓ 1 Yellow-r. Warbler

✓ Sharp-shin into Russian Olive + fence row after birds.

✓ 3 Tree Swallows - all "singles" - it is difficult to picture just one Tree Swallow!
✱ N.B. Pair of Phoebes together at Clifty Creek Bridge; another 300 yds up Newman Rd.

4-9-78 Sun. 36° - 61°

Cloudless; wind NNE, 5-20 mph. Scattered clouds 10:00 AM on - but a marvelous day!

NB {away 10:30 - 3:20 P.M. - church + Hospital}

35-50 White-throats 20+ Doves
4-6 Juncos 5-6 Crows
5-7 White-crowns 4 Jays
2-3 Purple Finches 200+ Grackles
7-8 Pine Siskins 20+ Red-wings
2 Br. Thrashers ✓ 8-12 Cowbirds
1 Towhee ♂ 20-30 Starlings
✓ 2 Wood Ducks 3-4 House Sps.
100-150 Robins 2-4 Song "
20+ Cardinals 2 C. Wrens
3-4 Mockers 6-8 Goldfinches

Woodchuck
Chipmunk #

4-5 Chickadees 2 Field Sps.
3-4 Titmice 1 Chipping Sp.
2 Nuthatches 2 Meadowlarks
1-2 Flickers (*) 1 Red-shoulder
2 Red-bellies ? 1 P. Martin ?
2 Downys ✓6 Tree Swallows {S-N 4:45 PM}
(*) 1 Kestrel {SW-NE 5:00 PM}

✓ Br. Thrasher carrying ~~food~~ nest material

4/10/78 Mon. 46° - 65°
Mostly cloudy, wind SSE, 5-10 mph.
Light rain began 10:20 AM for 5 min.
- occ. sunshine

35-50 White-throats 20+ Doves
4-5 Juncos 4-6 Crows
6-8 White-crowns 4 Jays
2 Purple Finches 300+ Grackles
6-8 Pine Siskins 20 25 Red-wings

Woodchuck

✓ 1 Eve. Grosbeak ♂ 6-8 Cowbirds
✓ 1 Fish Crow 2x 15-20 Starlings
40 C. Waxwings 3-4 House Sps.
2 Br. Thrashers 2-3 Song "
1 Towhee ♂ 2 C. Wrens
200+ Robins 8-10 Goldfinches
20-25 Cardinals 4-5 Chickadees
3-4 Mockers 3-4 Titmice
15 Flickers ✓ 2 Nuthatches
2 Red-bellies 2 Field Sps.
2 Downys 1 Chipping Sp.
✓ 1 Killdeer 2 Meadowlarks
✓ 3 Ruby-cr. Kinglets 2 Bluebirds
(*) 1 Red-shoulder (*) 1 Broadwing {SW-NE 3:20}
(*) 1 Cooper's Hawk ✓ 1 TV 2x
(*) 1 Broadwing {circ. SW-NE 1:20 PM (E)}
(*) 1 Broadwing } circling
(*) 2 Cooper's } SW-NE
(*) 1 Kestrel } together 3:28 P.M.
(*) 1 Broadwing {SW-NE 3:30}
✓ Plus all feathers of one

under bft clothes-line tree, presumably killed by a hawk.

4-11-78 Tues. 50° - 81°
Cloudy; occ. sunshine - mostly weak; wind arose suddenly 12:30 P.M. SSE - shifting to S, SW, & NW, 10-20 mph. - gusts to 40 mph. - Spatter of rain drops about dusk; brief shower later -

35-50 White-throats 20+ Doves
3-4 Juncos 5-6 Crows
4-6 White-crowns 4 Jays
2 Purple Finches 200+ Grackles
5-6 Pine Siskins 15-20 Red-wings
✓ 2 Eve. Grosbeaks 5-6 Cowbirds
2 Br. Thrashers 10± Starlings
1 Towhee 3-4 House Sps.
✓ 1 Fish Crow 2-3 Song "
✓ 1 Yellow-r. W. 2 C. Wrens
200+ Robins 10-12 Goldfinches

20+ Cardinals 4-5 Chickadees
3-4 Mockers 3-4 Titmice
8 Flickers 2 Nuthatches
2 Red-bellies 2 Field Sps.
2 Downys 1 Chipping Sp.
✓ 2 Mallards ♂ ♀ 2 Meadowlarks (25)
2 Bluebirds + (X) 1 Red-shoulder
(X) 1 Sharp-shin ✓ ✓ 1 Ruby-cr. Kinglet
(X) 2 Broad-wings {12:45 PM SW-NE 16 C. Waxwings = (16)
2 TVs

✓ Sharp-shin caught a Robin in White oak within 30 ft. of me as I replaced thistle feeder.

4-12-78 Wed. 51° - 70°
Tessie comes home today!
Cloudless; chilly - some high clouds in P.M.
Tessie home 1:15 P.M.

Away 9:30 - 1:15 PM.

Deer - Woodchuck

✓ 1 Barred Owl (c) 4:40 A.M.	20+ Doves
✗ 1 Whip-poor-will 4:45 A.M.	5-6 Crows
35-50 White-throats	4 Jays
2-3 Juncos	200-300 Grackles
4-5 White-crowns	20-25 Red-wings
2 Purple Finches	10-12 Cowbirds
6-8 Pine Siskins	10-15 Starlings
✓ 2 Eve. Grosbeaks	3-4 House Sps.
2 Br. Thrashers	2 Song "
1 Towhee ♂	2 C. Wrens
200+ Robins	10-15 Goldfinches
20-25 Cardinals	4-5 Chickadees
3-4 Mockers	3-4 Titmice
7 Flickers	2 Nuthatches
2 Red-bellies	2 Field Sps.
2 Downys	1 Chipping Sp.
✓ 6 Killdeers	2 Meadowlarks
✓ 1 P. Martin ♂ S-N 8:05 A.M.	2 TVs

~~No Juncos!~~

4-13-78 Thurs. 52° - 76°
Partly cloudy; then mostly sunny, warm; wind N.E. 5-30 m.ph. in P.M.

35-50 White-throats	20+ Doves
3-4 White-crowns	5-6 Crows
6-10 Pine Siskins	4 Jays
2-3 Purple Finches	200+ Grackles
✓ 1 Eve. Grosbeak ♂ D	30+ Red-wings
2 Br. Thrashers	10-12 Cowbirds
1 Towhee ♂	10-12 Starlings
200+ Robins	3-4 House Sps.
20+ Cardinals	2 Song "
3-4 Mockers	2 C. Wrens
4 Flickers	8-12 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
1 TV	2 Nuthatches
2 Bluebirds	2 Meadowlarks

(x) 1 Red-shoulder 2 Field Sps.
✓1 Barn Swallow 1 Chipping "
15 C. Waxwings

✓ "Talking" constantly —

No JUNCOS!

4-14-78 Fri. 47° - 61°
a few small, scattered clouds,
wind N, 5-30 mph.

35-40 White-throats A 20+ Doves 5A
4-6 White-crowns A 4-6 Crows
4-5 Pine Siskins A 2-3 Jays 2A
✓2 Br. Thrashers 200+ Grackles 7A
✓1 Towhee ♂ A 20+ Red-wings 1A
200+ Robins 10-15 Cowbirds

Woodchuck

20+ Cardinals A 10-15 Starlings A
3-4 Mockers A 3-4 House Sps.
2 Flickers 2 Song " A
2 Red-bellies A 2 C. Wrens
2 Downys A (5) 6-10 Goldfinches A
1 Purple Finch ♂ A 4 Chickadees A
3-4 C. Waxwings 3-4 Titmice A
2 Nuthatches A
2 Meadowlarks
2 Field Sps.
1 Chipping Sp.

4-15-78 Sat. 30° - 60°
Skim of ice on bird bath.
Wind N-NW, 10-30 mph.

35-40 White-throats 15-20 Doves
5-6 White-crowns 4-6 Crows
2 Purple Finches ♂♀ 2-3 Jays

* 2 Woodchucks

6-8 Pine Siskins	300+ Grackles
✓ 1 Eve. Grosbeak ♂	20+ Red-wings
2 Br. Thrashers	5-6 Cowbirds
1 Towhee ♂	20-30 Starlings
200-300 Robins	4-6 House Sps.
20+ Cardinals	2 Song "
3-4 Mockers	2 C. Wrens
4 Flickers	6-10 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
3-4 C. Waxwings	2 Nuthatches
2 TVs	2 Meadowlarks
✓ 1 Yellow-r. W.	2 Field Sps.
(*) 1 Sharp-shin	1 Chipping Sp.

4-16-78 Sun. 35° — 57°
Cloudless; wind NNE, 5-15 mph. partly cloudy by noon; mostly cloudy by late afternoon —

1 Woodchuck

35-50 White-throats Δ	20+ Doves 5Δ
4-6 White-crowns Δ	4-6 Crows
2 Purple Finches 2♀ Δ	3 Jays 3Δ
6-10 Pine Siskins Δ	250-300 Grackles 7Δ
2 Thrashers Δ	15-20 Red-wings 1Δ 3K
1 Towhee ♂ Δ	8-10 Cowbirds
(*) 2 Red-shoulders	20+ Starlings
200+ Robins	4-6 House Sps 3Δ
20-25 Cardinals Δ	2 Song " 2Δ
3-4 Mockers 1Δ	2 C. Wrens
3 Flickers	6-10 Goldfinches Δ
2 Red-bellies Δ	4-5 Chickadees Δ
2 Downys Δ	3-4 Titmice Δ
✓ 2 Bluebirds	2 Nuthatches 2Δ
✓ 3 Yellow-r. Ws.	2 Meadowlarks
✓ 1 Kingfisher	2 Field Sps.
	1 Chipping Sp.

4-17-78 Mon. 41° — 63°
Partly cloudy; wind SSW, 10-20 mph — shifting to West —
Fine day

away 9:20 — 11:45 AM

35-50 White-throats	20± Doves
5-6 White-crowns	4-6 Crows
2 P. Finches	3 Jays
6-8 Pine Siskins	200+ Grackles
* 1 Bl. & White W. (1st)	10-15 Red-wings
2 Wood Ducks over Pond	6-10 Cowbirds
100+ Robins	10-12 Starlings
20+ Cardinals	3-5 House Sps.
3-4 Mockers	2 Song "
3 Flickers	2 C. Wrens
2 Red-bellies	8-10 Goldfinches
2 Downys	4-5 Chickadees
(*) 1 Red-shoulder	3-4 Titmice
* 1 Blue-gr. Gnatcatcher	(3X) 2 Nuthatches

Woodchuck

2 Meadowlarks
2 Field Sps.
1 Chipping Sp.

4-18-78 Tues. 40° - 60°
Scattered light clouds early — wind SSE, 5-25 mph. (light in A.M.)
quite cloudy about 9:00 AM — then overcast. Light rain began late afternoon — showers thru night.

35-40 White-throats	15-20 Doves ✓
5-6 White-crowns	4-6 Crows
2-3 Purple Finches	3 Jays
5-6 Pine Siskins	200+ Grackles
✓ 1 Wood Duck Strong Pond	10-15 Red-wings
2 Br. Thrashers	6-10 Cowbirds
1 Towhee ♂	10-15 Starlings
75-100 Robins	3-4 House Sps.
15-20 Cardinals	2 Song "

2 Woodchucks

3-4 Mockers	2 C. Wrens
3-4 Flickers	6-10 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
(*) 1 Red-shoulder	2 Nuthatches
1 ♀ ✓	2 Meadowlarks (25)
✓ 30 Eve. Grosbeaks (2)	2 Field Sps.
✓ 1 Yellow-r. W.	1 Chipping Sp.

✓ Pair of Doves mating — starting second nesting?
✓ Claire saw one ♂ Grosbeak before noon, then about 2:20 P.M., a flock of 30 flew low over yard, NE–SW, calling.

4-19-78 Wed. 49° — 54°
Showers last-occ. mist today

Woodchuck

35-50 White-throats	15-20 Doves
6 White-crowns	4-6 Crows
6-8 Pine Siskins	3 Jays
2 Br. Thrashers	200+ Grackles
2 Towhees ♀ ♂ ✓ ♀	8-10 Red-wings
8 Bobwhites	4-5 Cowbirds
2 Bluebirds	10-15 Starlings
3-4 C. Waxwings	3-4 House Sps.
50-60 Robins	2 Song "
10-25 Cardinals	2 C. Wrens
3-4 Mockers	8-12 Goldfinches
1 Pil. Woodpecker	4-5 Chickadees
4 Flickers	3-4 Titmice
2 Red-bellies	2 Nuthatches
2 Downys	2 Meadowlarks (20)
✓ 1 Wood Duck (♀) at Pond	2 Field Sps.
✓ 1 Bl.-gr. Gnatcatcher	1 Chipping Sp.
1 Purple Finch (♂) in yard 4:50 PM	

✓ First female here.

38 sp.
4-20-78 Thurs. 48° — 59°
Cloudy — occ. misty drizzle — ending by 6:30 A.M. — total rain = 0.8+". Brief shower 3:00 P.M.
Wind N, 5-15 mph.

35-50 White-throats	15-20 Doves
5-6 White-crowns	4-5 Crows
6-8 Pine Siskins	3 Jays
✓ 1 Eve. Grosbeak ♂Δ	200+ Grackles
2 Br. Thrashers	25-30 Red-wings
1-2 Towhees ♂Δ	6-8 Cowbirds
6 Bobwhites	10-15 Starlings
50-60 Robins	3-4 House Sps.
15-20 Cardinals	2 Song "
3-4 Mockers	2 C. Wrens
3 Flickers	6-10 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
⊛ 1 Red-shoulder	2 Nuthatches

1 Woodchuck

7 Bluebirds	2 Meadowlarks
✓ 1 House Wren (S) all day	2 Field Sps.
✓ 2 Barn Swallows	1 Chipping Sp.
✓ 3 Purple Finches (S) (Singing)	1 La. Water-thrush (S)
✓ 20 C. Waxwings	1 Gr. Bl. Heron

✓ House Wren singing along fence row south of house all morning.

4-21-78 Fri. 44° — 53°
Partly cloudy; heavy overcast by 9:30 A.M. — wind N, 5-15 mph — occ. brief spatters of rain

35-5 White-throats Δ	20± Doves Δ
6-8 White-crowns Δ	5-6 Crows
6-10 Pine Siskins Δ 3	4 Jays Δ
12 Eve. Grosbeaks Δ 10♂ 2♀	100+ Grackles Δ

✓ 1 House Wren(s) at house
⊛ 2 Red-shoulders
8 Common Loons ✓
2 Br. Thrashers △
1 Towhee ♂△
50-75 Robins
15-20 Cardinals △
3-4 Mockers △
3 Flickers
2 Red-bellies △
2 Downys △
⊛ 1 Red-tail {8:55 AM S-N
1 T.V.
3 Barn Swallows
⊛ 10 ✗ Broad-wings {SW-NE ✓ 10:45
⊛ 1 Red-shoulder {S-N 11:10
1 Yellowthroat

15-20 Red-wings 10 ♂ △
8-10 Cowbirds ♂ △
20-30 Starlings
3-4 House Sps. △
2 Song " △
2 C. Wrens
6-10 Goldfinches △
4-5 Chickadees △
3-4 Titmice △
2 Nuthatches △ (BS)
2 Meadowlarks
2 Field Sps.
1 Chipping Sp.
✓ 3 P. Finches 2♂ 1♀ △
✓ 1 P. Martin
✓ 1 Kingfisher

✓ 8 Common Loons – fairly low – SE-NW; full breeding plumage – loose flock.

2/ 9 Broadwings, fairly high, circling SW-NE; followed closely by one lower, calling.

3/ 1 Pine Siskin eating suet briefly – first time I've seen this.

4/ 2 Eve. Grosbeaks (♂ ♀) in △ in A.M. – then in afternoon 12 dropped in for 10-15 min.

H.M.P.

4-22-78 Sat. 42° – 63°

Overcast; wind NW, 5-~~25~~ mph. – mostly clear by 9:00 A.M., Cloudless all afternoon – glorious day!

35-50 White-throats △ 20+ Doves
5-6 White-crowns △ 5-6 Crows
30-40 Eve. Grosbeaks △ (from 5:30 A.M. on) 4 Jays

5 Woodchucks

2-3 Purple Finches (5)	100+ Grackles
10 Pine Siskins	8-10 Red-wings
2 Br. Thrashers	6-8 Cowbirds (♀ & ♂)
1 Towhee	30+ Starlings
50± Robins	3-4 House Sps.
20± Cardinals	2 Song "
3-4 Mockers	2 C. Wrens
2-3 Flickers	8-12 Goldfinches
2 Red-bellies	4-5 Chickadees
2 Downys	3-4 Titmice
(X) 1 Red-shoulder {S-N 8:45 AM	2 Nuthatches
(X) 1 Broad-wing ✓	2 Meadowlarks (25)
(X) 1 Red-tail {S-E 9:50	2 Field Sps. (25)
3 TVs	1 Chipping Sp. (15)
2 Purple Martins	(X) 1 Sharp-shin ✓
2 Bl-gr. Gnatcatchers (3)	1 Fish Crow (8)
1 Bluebird	✓ 1 Yellow-r. W.
✓ 1 La Water Thrush.	

✓ Broad-wing sitting in tree East of Newman Rd., near Clifton, about 9:10 AM.

✓ Female Sharp-shin circling quite low over our back-yard, then circled endlessly up and up until barely identifiable with 7x B+L binocs — and I gave up watching!

(3) 2 Blue-grey Gnatcatchers in dwarf apple tree.

Note: Claire + we went out Rt. 29 to 234, then N on 234 — round-trip 30-40 miles; 6-8 Barn Swallows, 8 Bluebirds, etc. — and 1 King-fisher at Cloverleaf Estates pond.

Full Moon

4-23-78 Sun. 37° (7:30 AM.) — 62°
Cloudless, chilly; light frost in low areas.

✓
35-100 White-throats Δ   20± Doves Δ
6-7 White-crowns Δ   5-6 Crows 1Δ
8-10 Pine Siskins Δ   4 Jays Δ
30 Eve. Grosbeaks Δ   100+ Grackles Δ
2 Br. thrashers Δ   10-15 Red-wings 20♂ Δ
3-4 Towhees 3-4♂ 1Δ   3-4 Cowbirds 10♂ Δ
2 Bluebirds   20-30 Starlings
3-4 C. Waxwings   3-4 House Sps. Δ
1 Fish Crow   2 Song " Δ
1 Purple Finch (S)   2 C. Wrens
(*) 1 Red-shoulder   8-12 Goldfinches Δ
30-35 Robins   4-5 Chickadees Δ
20-25 Cardinals Δ   3-4 Titmice Δ
3-4 Mockers   2 Nuthatches Δ
3-4 Flickers   2 Meadowlarks (2S)
3 Red-bellies 1♂ 2♀ 3Δ   2 Field Sps. (2S)
2 Downys Δ   1 Chipping Sp. (S)
1 Bob-White 2+   1 TV
* 2 Ch. Swifts 1st 8:47 AM, 2nd 5:35   ✓ 9 Barn Swallows
(*) 1 Broad-wing {S.W.-NE 8:53}   ✓ 2 Yellow-r. Ws
* 1 Solitary Vireo (S) in yard 1:40 PM

Woodchuck

1 Pil. Woodpecker   * 1 Peregrine ✓ {S-NE 2:50 PM}
* 1 White-eyed Vireo (S)
✓ 1 Blue-gr. Gnatcatcher 1:41 PM, in yard

✓ White-throats filling kitchen triangle (Δ) and all over yard.
✓ Peregrine low and fast, just over white oaks and to N.E.

~~40~~ 45 sp.!
4-24-78 Mon. 40° - 68°
Cloudless early; high, hazy clouds mid-morning - then cloudier in P.M. - wind NNE, 5-20 mph. Great day!

75-100 White-throats ✓(S) (35± Δ)   20+ Doves Δ
5-6 White-crowns Δ (S)   5-6 Crows 2Δ
6-10 Pine Siskins Δ   4 Jays Δ
10 Eve. Grosbeaks 3♂ 1♀ Δ   100+ Grackles Δ
2 Br. Thrashers Δ   8-10 Red-wings Δ

2 Woodchucks

3+ Towhees 3♂ Δ — 5-6 Cowbirds .1Δ
1 House Wren ♂ (S) 1(2) — 20+ Starlings
5 Purple Martins {S-N A.M. — 3-4 House Sps. Δ
2-3(?) C. Geese {appar. local — 2 Song " Δ
2 Purple Finches ♂ ♀ Δ — 2 C. Wrens
3-5 Barn Swallows — 3-6 ♂ Goldfinches Δ
✗ 1 Parula W. — 4-5 Chickadees Δ
✓ 1 House Finch ♂ Δ — 3-4 Titmice Δ
30-40 Robins — 2 Nuthatches Δ
20-25 Cardinals Δ — 2 Meadowlarks (S)
3-4 Mockers Δ — 2 Field Sps. (S)
1-2 Flickers — 1 Chipping Sp. 1Δ
3 Red-bellies (2♂ 1♀ 3Δ) ✓ — 3-4 Yellow-r. Ws. (S)
2 Downys Δ — 2x ✓ 1 Ch. Swift
✓ 2 Bl.-gr. Gnatcatchers — ✓ 1 Wh.-eyed Vireo (S)
(✗) 1 Broadwing {SSW-NE 12:15 PM — 2 TVS
(✗) 1 Red-shoulder (local) — ✓ 1 La. Waterthrush (S)
✓ 1 Kingfisher

✓ One white-throat eating sunflower seed on hanging feeder, 5 ft above ground!

✓ House Wren (♂) in early a.m., began pulling material out of chickadee box.
3 ✓ 1 TV overhead at 6:30 PM

4/25/78 Tues. 40° - 60°
Overcast; chilly; occ. weak sunlight; wind NNW, 5-10 mph. - Rain began at 8:00 P.M.
Away 12:45 - 2:45 PM

35-80 White-throats — 20+ Doves
6-8 White-crowns — 5-6 Crows
✓ 3 Eve. Grosbeaks — 4 Jays
✓ 3 Purple Finches 2♂ 1♀ — 100+ ✓ Grackles
6-10 Pine Siskins — 10-15 Red-wings
✓ 1 Parula W. (S) — 4-5 Cowbirds
20-30 Robins — 10-12 Starlings
20-25 Cardinals — 3-4 House Sps.
3-4 Mockers — 2 Song "

2 Woodchucks
Chipmunk

1 Pil. Woodpecker — 2 C. Wrens
~~Flickers~~ — 8-10 Goldfinches
3 Red-bellies (2♂, 1♀) — 4-5 Chickadees
2 Downys — 3-4 Titmice
2 Br. Thrashers — 2 Nuthatches (2♂s)
2-3 Towhees (all ♂) — 3 Meadowlarks
3-5 Barn Swallows — 2 Field Sps.
Yellow-r. W. — 1 Chipping Sp.
✗ 1 Yellow W. (s) — ✓ 1 Kingfisher
✓ 1 White-eyed Vireo (s) — 3 P. Martins
✓ 1 Junco — 1 Bob White
20 C. Waxwings — ✓ 2 Bl.-gr. Gnatcatcher
✓ 1 Ruby-cr. Kinglet — 3-4 C. Waxwings

4-26-78 Wed. 46° - 50°
Light rain through night, Wind VNE, 10-25 mph. Occ. light rain allday - to about 4:00 P.M.
Total = 0.5" rain
Away 1:30 - 4:30

39 sp. — 2 Woodchucks
Fr. Concord - 6:00 PM

50-100 White-throats Δ — 20+ Doves Δ
6-8 White-crowns Δ — 5-6 Crows 2Δ
3-4 Eve. Grosbeaks Δ — 4 Jays Δ
2-3 Purple Finches Δ — 100+ Grackles Δ
8-10 Pine Siskins Δ — 10-15 Red-wings Δ
2 Br. Thrashers Δ — 45 Cowbirds 1Δ
3-5 Towhees 8♀ Δ — 20+ Starlings 2Δ
✓ 1 White-eyed Vireo [illegible] — 3-4 House Sps. Δ
3-4 C. Waxwings — 2 Song " Δ
30-40 Robins — 2 C. Wrens
25-30 Cardinals Δ — 6-12 Goldfinches Δ
3-4 Mockers Δ — 4-5 Chickadees Δ
2-3 Red-bellies Δ — 3-4 Titmice Δ
2 Downys Δ — 2 Nuthatches Δ (2♂s)
2 Bob-whites — 3 Meadowlarks
✓ 1 C. Goose [illegible] — 2 Field Sps.
✗ 1 Sharp-shinned [illegible] — 1 Chipping Sp.
1 Kingfisher — 1 TV
1 Flicker — ✗ 1 Kestrel
3-4 Yellow-r. Ws.

4-27-78 Thurs. 49° - 56°
Overcast - occ. rain beg. 7:00 A.M. - wind ENE, 15-25 mph. - until about noon. Partly clear in P.M.

35-100 White-throats 20+ Doves
6-8 White-crowns 5-6 Crows
4-5 Eve. Grosbeaks 4 Jays
3-4 Purple Finches, 100+ Grackles
✓ ~~Pine Siskins~~ 15-20 Red-wings
2 Br. Thrashers 5-6 Cowbirds
3-4 Towhees 15-20 Starlings
✓ 1 House Wren (S) in yard 3-4 House Sps.
(*) 1 Sharp-shin 2 Song "
20-25 Robins 2 C. Wrens
20-30 Cardinals 6-8 Goldfinches
3-4 Mockers 4-5 Chickadees
2-3 Red-bellies 3-4 Titmice
2 Downys 2 Nuthatches

2 Woodcocks in yard
Fr. Concorde 11:10 AM
(25)
1 Bobwhite 3 Meadowlarks
✓ 1 Kingfisher 2 Field Sps.
(*) 1 Red-shoulder 1 Chipping "
#(?) Whistling Swans 1 TV
✓ 1 White-eyed Vireo(S) in yard ✓ 1 P. Martin
1 Ch. Swift ✓ 1 Yellow W. (S)
✓ 6 B. Barn Swallows ✓ 1 R.-cr. Kinglet
1 Yellowthroat (S) in yard ? Wood Thrush - scolding

✓ automatically noted Pine Siskins about 7:00 A.M. - then realized I had not heard or seen them (always down to deck). apparently all left overnight - yesterday they were frantic about feeders all day.

? Went out-doors just in time to hear a few (apparently) Wh. Swans flying into N.W.

No Pine Siskins - wrote them down automatically about 7:00 A.M. -

then realized their constant calls, song + feeding was absent.

4-28-78 Fri. 38° —
Scattered white clouds — chilly — cloudless by 9:00 A.M. — wind NNE, 15-25 mph., shifting to NNW, gusting to 30 mph. Scattered clouds in P.M.

35-109 White-throats Δ 20-25 Doves 5 Δ
6-8 white-crowns Δ 4-5 Crows 1 Δ
3-4 Eve. Grosbeaks Δ 4 Jays ✓ Δ
2 Purple Finches 1♂1♀ Δ 75-100 Grackles 5 Δ
2 Br. Thrashers Δ 10-15 Red-wings 3 Δ
4-5 Towhees ♀♂ Δ 5-6 Cowbirds 1 Δ
1 House Wren (S) 20-30 Starlings 2 Δ
30-40 Robins ✓ 3-4 House Sps. Δ
25-30 Cardinals Δ 2 Song " Δ
4-5 Mockers Δ 2 C. Wrens Δ
2-3 Red-bellies Δ 8-12 Goldfinches Δ
2 Downys Δ 4-5 Chickadees Δ
✓ 2 Pine Siskins all day Δ 3-4 Titmice Δ
1 Ruby-cr. Kinglet (S) in yard 2 Nuthatches 2 Δ
(*) 1 Broadwing SSW-NE 8:30 AM low 3 Meadowlarks

3 Barn Swallows 2 Field Sps. (2 in garage)
2 P. Martins 1 Chipping Sp.
(*) 1 Red-shoulder 2 T.Vs

✓ Jays + Robins carrying nest material in yard.

4-29-78 Sat. 39° — 73°
Cloudless early; chilly — then cloudy early aft. on — wind NNE 5-15 mph.

35-50 White-throats 20+ Doves
6-8 White-crowns 5-6 Crows
10-15 Eve. Grosbeaks 6:00 AM 3:30 PM 4 Jays
✓ 2 Pine Siskins 100+ Grackles
2 Brown Thrashers 10-18 Red-wings
3-4 Towhees ♂ ♀ 5-6 Cowbirds
✓ 8-Yellow-r. Ws. 15-20 Starlings
1 House Wren (S) 3-5 House Sps.

15-20 Robins — 2 Song Sps.
20-25 Cardinals — 2 C. Wrens
3-4 Mockers — 8-10 Goldfinches
1 Pil. Woodpecker in yard — 4-5 Chickadees
2-3 Red-bellies — 3-4 Titmice
2 Downys — 2 Nuthatches
2 Bobwhites (S) — 3 Meadowlarks
* 1 Prairie W. (S) — 2 Field Sps. (25)
✓ 1 Yellowthroat (S) — 4R Chipping "
1 Flicker (S) — 1 Wh.-eyed Vireo (S)
3 Barn Swallows — 2 Ch. Swifts
1 Killdeer — 2 TVS
4-5 C. Waxwings — 1-2 P. Finches (S)
~~3~~

4-30-78 Sun, 54° -
Overcast; clearing by 8:00 A.M., then cloudy again - wind

EDT today

4 gal. 2 Woodchucks

35-70 White-throats — 20-25 Doves
6-8 White-crowns — 6-7 Crows
✓ 2 Eve. Grosbeaks 1♂ 1♀ — 500+ Jays
✓ 3 Pine Siskins — 100+ Grackles
* 2 Orchard Orioles ad. ♂ — 150-200 ~~15-20~~ Red-wings
✓ 1 House Wren (S) at home — 5-6 Cowbirds
2 Br. Thrashers — 15-20 Starlings
2 Towhees — 4 House Sps.
3 Barn Swallows — 2 Song "
✓ 12-15 ~~5-6~~ Yellow-r. Ws. — 2 C. Wrens
✓ 1 White-eyed Vireo (S) around home — 6-10 Goldfinches
✓ 1 Yellowthroat (S) — 4-5 Chickadees
✓ 2 Bobwhites (S) — 3-4 Titmice
30-40 Robins — 2 Nuthatches
20-25 Cardinals — 3 Meadowlarks
3-4 Mockers — 2-4 Field Sps.
2 Red-bellies — 2 Chipping Sps.
2 Downys — 12 C. Waxwings
2-3 Flickers (S) — ? 1 Ruby-thr. Hummingbird
* 1 Red-eyed Vireo (S) — ✓ 1 Parula W. (S)
* 1 E. Kingbird (C) — 2 TVS

2 Woodchucks

(*) 1 Broadwing {5-NE 2:50 PM ✓1 P. Finch (S)
✓1-2 Blue-gr. Gnatcatchers (*) 1 Red-tail {SW-NE 5:15 PM
1 Pil. Woodpecker
2-3 Ch. Swifts (*) 1 Red-shoulder
✓5 P. Martins
✓1 Jay flights began here today - drifting NE all day - at least 500.
✓2 E. Kingbird in trees at St. Mary's Church, Fairfax Station about 12:00 M (EDT) - calling often.
✓3 Parula W. singing beside Fairfax Station Road, near "The Patterns"
4 150+ Red-wings, SW-NE, at 7:30 P.M. EDT.

2 Woodchucks

47
~~46~~ sp.

5-1-78 Mon. 39° - 58°
Fairly cloudy; wind NNE, then N, 10-35 mph - mostly clear in P.M. - but cool due to wind - great day! Away 8:30-9:45 A.M.

35-50 White-throats 20+ Doves
6-8 White-crowns 5-6 Crows
✓1 Purple Finch (s) 200+ Jays
✓3 Pine Siskins 75-100 Grackles
2 Brown Thrashers 20-25 Red-wings
4(?) Towhees 5-6 Cowbirds
(*) 2 Balt. Orioles ♂ 20+ Starlings
✓1 Orchard " ♂(ad) 3-4 House Sps.
5-6 C. Waxwings 2 Song "
✓1 House Wren (s) 2 C. Wrens
✓1 White-eyed Vireo (s) 8-10 Goldfinches
~~75-100~~ 50-75 Yellow-r. Ws. 4-5 Chickadees
1 Ruby-cr. Kinglet (s) 3-4 Titmice
3 Barn Swallows 2 Nuthatches
5 P. Martins {5 S-N 9:45 AM 3 Meadowlarks

30-40 Robins 3-4 Field Sps.
20-25 Cardinals 2 Chipping "
3-4 Mockers 2 T.Vs
2-3 Flickers(S) * 1 Marsh Hawk {S-N 10:55
2 Red-bellies 1 Bl.-gr. Gnatcatcher
3 Downys 2♂1♀ 1 Kingbird in yard
* 1 Red-tail {SW-NE 11:55 ~~2 Waxwings~~
3 Ch. Swifts * 1 Broadwing {S-NE 3:40
* 1 Marsh Hawk {S-N 3:40 1-2 Bobwhite low
~~1 Bobwhite ♂ Δ~~ 1♂ Δ
* 2 Yellow-rumped (Audubon's) Warblers — observed by Clovie out back window about 5:00 P.M. — in flock of Yellow-r. (Myrtle) Ws. — noted distinct yellow throat (excellent light)
3 Balt. (Northern) Oriole in maple + white oak at 6:53 AM, EDT, singing right beside ♂ Orchard Oriole — later saw pair of No. Orioles.
☐ Can't estimate # of Towhees — all along fence — in Δ, etc. 3♂ + 1♀ in Δ

several times.

5-2-78 Tues. 38° — 67°
Cloudless early, quite chilly — wind N & E, 10-30 m ph, all afternoon (+ late morning) scattered clouds mid-aft.

35-50 White-throats 20+ Doves
6-8 White-crowns 5-6 Crows
5 Eve. Grosbeaks S-N 9:00 AM 300-500 Jays
1-2 P. Finches ♂(S) 50-75 Grackles
2 House Wrens 1♂ 1♀ 10-15 Red-wings
2 Br. Thrashers 5-6 Cowbirds
3-4(?) Towhees {all day — all over yard 20+ Starlings
10-12 C. Waxwings 4-6 House Sps.
1 White-eyed Vireo (S) 2 Song "
20-30 Robins 2 C. Wrens
20-25 Cardinals 12-15 Goldfinches
3-4 Mockers 4-5 Chickadees
2 Red-bellies 3-4 Titmice
2-3 Downys 2 Nuthatches

2 Woodchucks
2 Chipmunks

(25)

1 Pil. Woodpecker 3-4 Meadowlarks
5-6 Yellow-r. Ws 3-4 Field Sps.
2 Bobwhites ♀ ♂ 2 Chipping "
✗ 1 Osprey {S-NE 10:05 AM 1 TV
3 Barn Swallows 3 P. Martins
✗ 2 Rough-winged Swallows 1 Ch. Swift
2 Flickers (S) 1 No. Oriole (S) in yard
✓ 1 Tree Swallow
✗ 2 Ruby-thr. Hummingbirds ♂ ♀ 5:45 PM
✓ 1 Killdeer (♀ at 6:10)
✓ 1 Orchard Oriole ♂
✗ 1 Green Heron
2-3 Pine Siskins

47 sp.

5-3-78 Wed. 42° - 67°
Sun Day (solar energy).
Cloudless, wind NNE 5-15 mph - calm mid-day, then windy + very cloudy late afternoon.

35-50 White-throats	20+ Doves
6-8 White-crowns	5-6 Crows
15-25 Eve. Grosbeaks ♀ ♂	500-600 Jays
2 Br. Thrashers	30-40 Grackles
3-4 (S) Towhees	15-20 Red-wings
✓ 1 White-eyed Vireo (S)	4-5 Cowbirds
✓ 1 Red-eyed Vireo (S)	20+ Starlings
15 C. Waxwings	3-4 House Sps
2 House Wrens	2 Song "
5-6 Yellow-r. Ws.	2 C. Wrens
✓ 5-6 Po. Finches	10-12 Goldfinches
3 Barn Swallows	4-5 Chickadees
✓ 1 Fish Crow	3-4 Titmice
1-2 Ch. Swifts	2 Nuthatches

2 Woodchucks
2 Chipmunks
14

✓6 Bobwhites — 3 Meadowlarks
25-30 Robins — 2-4 Field Sps.
20+ Cardinals — 2 Chipping "
3-4 Mockers — ⊛1 Broadwing (SSW-NE high – 10:15)
2 Flickers — ⊛2 Red-shouldered (low)
2 Red-bellies — ✓1 Bl.-gr. Gnatcatcher
2 Downys — 2 P. Martins
⊛1 Peregrine (SSW-NE low 11:05) — 1 TV
⊛1 Sharpshin (S-N 3:25) — ✓2 Green Herons (2X)
✓1 Hummingbird ♂

✓ 1♂ + 1♀ Grosbeak in Δ early, then early afternoon 15-25 came in – in trees – at all feeders, to 4:50 P.M. EDT.

✓ Sharpshin came in S-N – fairly high, circling – then closed wings and dropped like a bullet into trees near Johnston's drive.

5-4-78 Thurs. 52° — 56°
Heavy overcast; wind NNE, 10-25 mph, all day. Few drops of rain 9:00 A.M. – good ~~shower~~ rain began about 10:45 A.M. – continuing all day

35-75 White-throats Δ — 20+ Doves Δ
6-8 White-crowns Δ — 6-7 Crows
40 Eve. Grosbeaks 40 Δ — 500+ Jays (before rain) Δ
2 No. Orioles ♂♀ (S) — 100+ Grackles Δ
1 Orchard Oriole (ad. ♂) (S) — 25-30 Red-wings Δ
75-100 Yellow-r. Ws. — 8-10 Cowbirds ♀ Δ
✱1 Yellow-thr. Vireo (S) in yard — 15-20 Starlings
1 Yellow-w. (S) in yard — 3-4 House Sps. Δ
3 Barn Swallows — 2 Song " Δ
2 Brown Thrashers Δ — 2 C. Wrens Δ ✱
3-5 (?) Towhees Δ — 8-10 Goldfinches Δ
2 House Wrens — 4-5 Chickadees Δ
20-30 Robins — 3-4 Titmice Δ
20-25 Cardinals Δ — 2 Nuthatches Δ
✱ at carton beef suet

3-4 Mockers 3 Meadowlarks
2 Flickers 2-4 Field Sps.
2 Red-bellies Δ 2 Chipping Sps.
2 Downys Δ ✓3-4 Purple Finches Δ
✓ 1 White-eyed Vireo (S) in yard ✓1 Red-eyed Vireo
✗ 1 Blue-winged W. (S) in yard 20+ C. Waxwings
✗ 1 or more Cape May W. (S) ✗ 1 Wood Thrush (S)
1 Blue-gr. Gnatcatcher

58 sp.

5-5-78 Fri. 41° - 51°
Heavy overcast; occ. light showers 9:10-11:30 AM. Wind NNE, variable, 5-20 mph.; - SSE in late aft., 5-15 mph. Total = 105 sp.
Away 1:00 PM - 4:00 AM
75-100 White-throats 35+ Δ 20+ Doves 5 Δ
6-8 White-crowns 5-6 Crows
20+ Eve. Grosbeaks to 5:45 PM 5 Δ 50-75 Jays 5-8 Δ
✓ 3-4 Purple Finches 100+ Grackles 6 Δ
✓ 1 Parula W. (S) in yard 20+ Red-wings 3 Δ

✓ 2-3 Cape May Ws. (S) 4-5 Cowbirds 1 Δ
50-75 Yellow-r. Ws. (S) 20-30 Starlings
✓ 2 No. Orioles (S) ♂ ♀ in yard 3-4 House Sps. 2 Δ
2 Br. Thrashers 2 Song " 2 Δ
5-6 (S) Towhees all day - all around 2 C. Wrens
3 Barn Swallows 6-10 Goldfinches Δ
2 House Wrens 4-5 Chickadees Δ
2 Bobwhites 1 Δ 3-4 Titmice 3-4 Δ
✗ 1 Yellow-b. Cuckoo 2 Nuthatches 2 Δ
✓ 1 Wood Thrush 3 Meadowlarks
✓ 1 Bl.+Wh. W. (S) 3-6 Field Sps.
✗ 1 Blackburnian W. ♂ 2 Chipping "
✗ ✓ Yellow-thr. Vireo ✓ 1 Phoebe
✓ 2 Orchard Orioles ad. ♂ ♂ ✓ 1 Wh.-eyed Vireo (S)
✓ 1 Blue-winged W. ♂ (S) ✓ 1 Yellow W. (S)
✗ 4-5 (S) Rose-br. Grosbeaks 1 ♀ 1 ♂ ✓ 2 Bl.-gr. Gnatcatchers
✓ 1 Red-eyed Vireo 2 Δ ✗ 1 Gr.-cr. Flycatcher
20-30 Robins ✓ 1 Yellowthroat (S)
20-25 Cardinals Δ ✗ 2 Catbirds
3-4 Mockers ✓ 1 Prairie W. (S) in front yard
3-4 Flickers (S) 5 + Ch. Swifts

2 Red-bellies Δ ✓ 1 Fish Crow
3 Downys 3 Δ 1 Pil. Woodpecker
20-25 C. Waxwings 1 Yellowthroat (3)

✓ Towhees everywhere around property all day.
2 ✓ about 4:00 P.M. - 1 ad. ♂ Orchard Oriole in furious pursuit of another ad. ♂, across terrace, by Chinese Holly;
3 Blue-winged W. (♂) singing in yard all morning - just as yesterday.
4 Claire called my attention to 3 ad. ♂ Rose-br. Grosbeaks in Δ, looking for sunflower seed - about 8:00 A.M. - 1-2 were singing in yard all day.

5-6-78 Sat. 52° - 62°
Light shower about 5:00 A.M. - heavy overcast; occ. very light showers during morning - total = 0.15" rain. Wind NW, 5-20 mph. Partial sunshine in aft.

35-50 White-throats Δ 20+ Doves 6 Δ
6-8 White-crowns Δ to 4:00 PM 5-6 Crows
✓ 6-10 Eve. Grosbeaks Δ 30-40 Jays 5 Δ
4-6 Purple Finches 100+ Grackles 6 Δ
✓ 2 Orchard Orioles 2 Δ 10-15 Red-wings 2 Δ
✓ 1 Louis. Waterthrush (3) 10-12 Cowbirds 3 Δ
✓ 3 House Wrens 2♂ 1♀ 20+ Starlings
✓ 1 Yellow W. 4-6 House Sp. 3 Δ
10-15 Yellow-r. Ws. 2 Song 2 Δ
✓ 1 Yellow-b. Cuckoo 2 C. Wrens
20+ C. Waxwings 4-5 Goldfinches 2 Δ
✓ 2 No. Orioles 4-5 Chickadees Δ
2 Br. Thrashers Δ 3-4 Titmice Δ
4-5 Towhees ♂ ♀ Δ 2 Nuthatches 2 Δ

1 Woodchuck
1 Chipmunk

✓1 Yellowthroat (S) 3 Meadowlarks
✓1 Wood thrush (S) 2 Field Sps.
20-30 Robins ✓12-15 Chipping "
20-25 Cardinals Δ 2 Bobwhites
3-4 Mockers ✓2 Bl.-gr. Gnatcatchers
1 Pil. Woodpecker 1 Fish Crow
3-4 Flickers 2 Catbirds
2 Red-bellies Δ ✓(Phoebe(s))
2-3 Downys Δ 2 Barn Swallows
✓1 White-eyed Vireo (S) ✓1 Red-eyed Vireo (S)
1 Red-shoulder 2 Ch. Swifts
1 Broadwing {SW-W 4:25} ✓1 Killdeer
✓1 Hummingbird ♂ 2X ✓1 Prairie Warbler ♂

Note: to Clifton & return
- 8:40 AM - 9:45 AM.
1 Rose br. Grosbeak (in Clifton)
2 Catbirds
1 La. Waterthrush near Crandon...
1 Ch. Swift (in Clifton)
+ Cardinals, etc.

62 Sp. here

5-7-78 Sun 50° - 64°.
Overcast; occ. fairly bright sun, in early afternoon - then overcast again, - almost no wind today. - until after 6:00 P.M., then SSW, 5-15 mph.

50-60 White-throats 35+ Δ 20+ Doves 5 Δ
6-8 White-crowns 6-8 Δ 5-6 Crows
7 Eve. Grosbeaks 4♂ 3♀ to 5:25 PM Δ 20+ Jays 4-6 Δ
3-4 Purple Finches 100+ Grackles 4-6 Δ
50-75 Yellow-r. Ws. 20+ Red-wings 3 Δ
✓1 Bl. & White W. (1S) 4-5 Cowbirds
✓2 Blue-winged Ws. 2♂(S) 10-15 Starlings
1 Chestnut-sided W. (S) 4-5 House Sps. - Δ
✓1 Red-eyed Vireo (S) 2 Song " 2 Δ
✓1 White-eyed Vireo (S) 2 C. Wrens
2 Thrashers 2 Δ 3-4 Goldfinches Δ
4-5 Towhees Δ 2♂(S) 4 Chickadees Δ
3 House Wrens 1♀ 4 Titmice Δ
3 Orchard Orioles 1♀ 2ad ♂ ✓ 2 Nuthatches Δ

Woodchuck
Chipmunk

6 3 Barn Swallows 3 Meadowlarks
2 Yellowthroats ♂♀ 5-10 Field Sps.
(*) 2 Red-shoulders ♂ 2-3 Chipping "
3 Yellow W's ♂♀ 2-3 C. Geese local
15-20 C. Waxwings 2 Bobwhites
3-4 Rose-br. Grosbeaks 2 Catbirds
30-50 Robins 1 Wood Thrush (s)
20-25 Cardinals Δ 2 No. Orioles ♂♀
3-4 Mockers Δ ✓ 1 Phoebe
1 Pil. Woodpecker all day ✓ 1 Pine Siskin Δ
2 Flickers ✓ 1 Parula W. (s)
2 Red-bellies Δ ✓ 1 Prairie W. (s)
2 Downys Δ 1 Junco ✓
1 Yellow-b. Cuckoo injured 1 TV
* 1 Indigo Bunting ♂ 2 1 Killdeer
✓ 2 Hummingbirds ♂♀ 3 P. Martins
✓ 3 Bl.-g. Gnatcatchers 1 Ch. Swift
* 1 Tennessee W. ~~1 Wood Thrush~~ (s)

✓ Junco on ~~Newman~~ Rd., near "Clifton" sign.

5-8-78 Mon. 54° - 57°
Heavy overcast; drizzle began last night - mostly a wind-driven mist allday (wind NE, 5-10 mph).

35-50 White-throats Δ 20+ Doves Δ
6-8 White-crowns 4-6 Δ 5-6 Crows
35-40 Eve. Grosbeaks 25-30 Δ 15-20 Jays 4 Δ
3 Orchard Orioles 2 ♂ 1 ♀ 100+ Grackles 6 Δ
3 House Wrens (s) 15-20 Red-wings 3 Δ
1 Yellow-b. Cuckoo (s) 4-6 Cowbirds
1 Yellowthroat (s) ♂ 10-15 Starlings
25-30 Yellow-r. W's. (s) 4-6 House Sps. 2-3 Δ
1 Phoebe (s) 2 Song " Δ
2 Thrashers (2 Δ) 2 C. Wrens 1-2 Δ
20± Robins 4-5 Goldfinches 1-2 Δ

20-25 Cardinals 15Δ 4-5 Chickadees (5)Δ
3-4 Mockers 3-4 Titmice (5)Δ
1 Pil. Woodpecker 2 Nuthatches 2Δ
1 Flicker (5) 3 Meadowlarks (5)
2 Red-bellies 2Δ 3-5 Field Sps. (5)
2-3 Downys 2-3Δ 2 Chipping " (5)
3-4 Rose-br. Grosbeaks (5) 2 Bobwhites 2Δ ♂ ♀
30 C. Waxwings 2 No. Orioles (5)
2 Yellow Ws. (5) 1 Cape May W (5)
1 Red-eyed Vireo (5) 1 Wh.-eyed Vireo (5)
1 Indigo Bunting ♂ 1 Towhee (5)
1 Wood Thrush (5) 1 Purple Finch

5-9-78 Tues. 56° - 79°
Rain ended some time in night -
total = 0.7" rain. Light
overcast in A.M.; then sunny,
glorious becoming cloudy 3:00 PM. -
heavy thunder to west 3:50 PM. -
hard thunder-storm 4:05-4:30,
then clearing. Rain = 0.3".

Away 11:30 AM - 2:30 PM

25-30 White-throats 20+ Doves
4-6 White-crowns 5-6 Crows
✓ 8-10 Eve. Grosbeaks 200+ Jays
✓ 2 Yellow Ws. (5) ♂ ♀ 100+ Grackles
✓ 2-3 Yellowthroats (25) 10-15 Red-wings
✓ 1 Red-eyed Vireo 3-4 Cowbirds
1 Wood Thrush 10-15 Starlings
1 Killdeer 3X 4-5 House Sps.
3 House Wrens (25) 2 Song "
2 Thrashers 2-3 C. Wrens
✓ 1 Blue-winged W. 3-4 Goldfinches
✓ 3 Orchard Orioles 4-5 Chickadees
✓ 1 White-eyed Vireo 4 Titmice
20+ Robins 2 Nuthatches
20-25 Cardinals 3 Meadowlarks
3-4 Mockers 3-4 Field Sps.
1-2 Flickers 2-3 Chipping "
2 Red-bellies 2 Bobwhites ♂ ♀ Δ
2 Downys 3 Barn Swallows
✓ 1 Phoebe ✓ 1 Kingbird
✓ 1 Yellow-b. Cuckoo ✓ 1 Fish Crow

Woodchuck (in yard)
Chipmunk

30-40 Yellow-r. Ws. ✓ 1 Prairie W. (S)
✓ 2 Hummingbirds ♂♀ ✓ 1 Ch. Swift
(*) 1 Red-tail {SW-NE 3:00 PM ✓ 1 La. Waterthrush (S)
✓ 3-4 P. Finches (S)

5-10-78 Wed. 54° - 66° 79°
Cloudy; Bright sunshine mid-morning; then overcast by 11:30 A.M. Clearing again late aft. - wind NNE 5-15 mph late aft.
6 A.M.

25-30 White-throats 25+ Δ | 20+ Doves 5 Δ
4-6 White-crowns 3-6 Δ | 4-6 Crows
3-4 Eve. Grosbeaks 1 Δ (2-3 S) | 300+ Jays 4 Δ
2-3 Purple Finches (S) | 50+ Grackles 5-6 Δ
* 2-4 Bay-breasted Ws. (in yard) | 20 Red-wings 3 Δ
* 2 Bl.-thr. Green W. (S) | " 4-5 Cowbirds
3 Tennessee Ws (S) | " 10-15 Starlings
* 2-3 Magnolia Ws (S) | 4-6 House Sps. 3 Δ
* 2 Sc. Tanager (S) 2 in yard | 2 Song " Δ

✓ 1 Gr.-Cr. Flycatcher | 1-2 C. Wrens (S)
✓ 4-5 Rose-br. Grosbeaks (S) | in yard 2-3 Goldfinches (S) Δ
✓ 4-5 Cape May Ws. (S) in yard | 4-5 Chickadees 4-5 Δ
2 Yellow Ws. (S) in yard | 3-4 Titmice 3-4 Δ
3 Yellowthroats (2S) | " 2 Nuthatches 2 Δ
✓ 1 Blue-winged W. ✓ | 3 Meadowlarks
1 Red-eyed Vireo (S) all day | 2-3 Field Sps. (S)
1 White-eyed " (S) | " 6-10 Chipping " (S)
2 Yellow-thr. Vireos (1S) | 2 Bobwhites (S)
✓ 3 Chestnut-sided Ws. (S) in yard | 1 Wood Thrush (S)
✓ 22 Kingbirds 8+12+1+1 5-N | ✓ 1 Parula W. (S) in yard
30 C. Waxwings | ✓ 1 Bl. & White W. (S) in yard
20-25 Robins (S) | ✓ 100 Yellow-rumped Ws. (S)
20-25 Cardinals (S) Δ | ✓ 3 Orchard Orioles (2S) in yard
3-4 Mockers (S) | ✓ 2 No. Orioles (S)
2 Flickers (S) | 4 Barn Swallows in yard
2 Red-bellies 2 Δ | 3 House Wrens (2S) (S)
2-3 Downys 2-3 Δ | 1 Phoebe (S)
* 4 Black Vultures 3 {SE-NW | 1 Killdeer
* 10-15 Swainson's Thrushes 4 10:00 | 1 Hummingbird
(*) 1 Red-shoulder | 2 TVs

TOADS TRILLING!

2 Towhees (S) 1-2 Bl.-gr. Gnatcatcher in yard
1-2 Indigo Buntings in yard ♀ 1 Ch. Swifts
2 Catbirds ♀ 1 Peewee

✓ Blue-winged W. singing all morning in back yard — again 5:to P.M. on — same bird??

² Kingbirds — first time I can recall spring flights — 8 about 6:40 A.M. (S-N), later 12 (S-N) — then one and one S-N.

³ at 10:00 AM., 4 Black Vultures together, S-N (soaring without a wing-beat).

⁴ 10-15 Swainson's Thrushes along Newman Rd., near Clarage's — 10:35 + 11:20 A.M.

The air was "full" of migrants all morning!

64 Ap.

5-11-78 Thurs. 40°—70°
Clear, early; occ. light clouds during day; wind N 5-15 mph. — glorious!

20-25 White-throats Δ	20+ Doves Δ
4-6 White-crowns Δ	5-6 Crows
7-8 Eve. Grosbeaks Δ	40-50 Jays Δ
2 Purple Finches (S)	50± Grackles Δ
1 Sc. Tanager (S) in yard	10± Red-wings Δ
1 Wh.-eyed Vireo (S)	2-4 Cowbirds Δ
1 Red-eyed " (S)	30± Starlings Δ
2-4 Thrashers 2 Δ	4-5 House Sps Δ
2 Catbirds	2 Song " Δ
5-6 Rose-br. Grosbeaks (S)	2 C. Wrens
1 Kingbird	3-4 Goldfinches 2 Δ
1 Yellowthroat (S)	4-5 Chickadees Δ
1 Bl.-thr. Gr. W. (S)	4 Titmice Δ
2-3 House Wrens (S)	2 Nuthatches
2 Ch.-sided Ws (S)	3 Meadowlarks

1 Yellow-b. Cuckoo (S) 4-5 Field Sps. (S)
1 Parula W. (S) 8-10 Chipping 4 (S)
4 Barn Swallows 2 Bobwhites (S)
50-75 Yellow-r. W's. (S) 2-3 Orchard Orioles (2S)
2 Towhees (S) 2 No. Orioles (S)
30-50 Robins (S) 20 C. Waxwings
20-25 Cardinals (S) * 1 Nashville W. (S)
3-4 Mockers 1 Indigo Bunting (S)
1 Pil. Woodpecker 1 Red-shoulder
2 Flickers 1 Bluebird (S)
2 Red-bellies 2Δ 1 La. Waterthrush (S)
2 Downys 2Δ * 1 Kentucky W. (S)
✓ 10 Pine Siskins ✓ 1 E.W. Peewee (S)
* 1 Yellow-br. Chat (S) 7 3 P. Martins 5-N
2 Hummingbirds 4-5 Swainson's Thr. 3
1 Gr.-cr. Flycatcher 1 Kingfisher
1 Herring Gull {5-N 6:40PM} 1TV

✓ E. Grosbeak ♂ at feeders
+ water at ~~6:08~~ P.M.
✓ 1 ♂ Bobwhite in Δ-in eve

✓ 10 Pine Siskins flying low over house, SW-NE, calling.
✓ 3 3-4 Swainson's Thrushes on Newman Rd., near Claey's; 9:35 A.M.

"Note: Claire saw Grey Fox in back yard, digging (apparently for moles), being harassed by 2 Crows — at ~~about~~ 7:40 P.M. (EDT)

6 ~~Sat.~~ 5-12-78 Fri: 53° - 77° overcast - wind S, 5-25 mph - occ. sun in A.M. -

3 White-throats (S) 3Δ 20-30 Doves 5Δ
1 Peewee (S) 4-5 Crows
1 Kingbird 30-40 Jays 3Δ 1
1 White-eyed Vireo (S) 40+ Grackles
4Δ

✓ 1 Red-eyed Vireo (S) all day — 10[15] Red-wings (S) 3Δ
✓ 1 Yellowthroat (S) all day — 3-4 Cowbirds
✓ 2 No. Orioles — 20-30 Starlings
4 Barn Swallows — 3-5 House Sps. Δ
2-4 Thrashers 2Δ — 1, 2 Song " Δ
✶ 12 Bobolinks (S) — 3 C. Wrens (S) 6
✓ 1 Parula W. (S) all day — 3-4 Goldfinches Δ
3 House Wrens (2S) 1 nesting — 4-6 Chickadees Δ
2 Catbirds — 4 Titmice Δ
20+ C. Waxwings — 2 Nuthatches Δ
✓ 1 Indigo Bunting (S) 2 — 3 Meadowlarks
20-30 Robins (S) — 3-4 Field Sps.
20-25 Cardinals (S) Δ — 8-10 Chipping "
3-4 Mockers (S) — ✓ 1 Redstart ♀ (S)
2 Flickers (2S) — ✓ 1 Yellow-b. Cuckoo
2 Red-bellies 2Δ — 2 Purple Finches (S)
3 Downys 3Δ — 1-2 Ch. Swifts
✶ 1 Acad. Flycatcher (S) — 1 Towhee (S)
✓ 1 G.-cr. Flycatcher (3S) — 3 Bobwhites (S)
✶ 1 Blackpoll W. (S) — 2 TV 7:15 PM 5 ♀♂
✶ 1 Red-shoulder — ✓ 1 Cape May W. (S)

✓ 12 Bobolinks (9♂ 3♀) circled yard — lit in Hampshire's "big tree," ≈ 5 min. Then onto N. & Lesser Yellowlegs in 20' rain pool at West 04 Road Park.

✓ 3 Purple Martins (1S) ✶ 3 Nighthawks S-N 5:15 PM C
✓ 2 Hummingbirds ♀♀ — 2 Bluebirds in yard
✶ 1 Lesser Yellow-legs — 2-3 Yellow-r. W. (S)
1 Orchard Oriole ♂ (S) — 1 Killdeer

No GROSBEAKS — NO White-crowns — only 3 White-throats — apparently left overnight —

5-13-78 Sat. 64° – 70°
Big shower 4:45 A.M. — heavy overcast all day — showers began again about 1:30 P.M. Wind S, 10-30 mph. — suddenly shifting NW, N, to NE about 7:45 P.M. — to 35 mph or more.

Away 6:10 A.M. – 2:15 P.M. — Pine Ridge Bird Count

✓ 3 Whitethroats [3 ♀ Δ]
Yellowthroat
Parula W.
Red-eyed Vireo
White-eyed Vireo
Barn Swallows
House Wrens
Br. Thrashers
Catbirds
Robins
Cardinals
Mockers
Flickers
Red-bellies
Downys
Killdeer
Indigo Bunting
✗ 5 Purple Martins
1 Peewee
2 Nighthawks 7:50 PM

Doves
Crows
Jays
Grackles
Red-wings
Cowbirds
Starlings
House Sps.
Song "
C. Wrens
Goldfinches
Chickadees
Titmice
Nuthatches
Meadowlarks
Field Sps.
Chipping "
Bobwhites
La. Waterthrush

Toward dusk — S-N.
Numbers generally not put in, because away most of day — and rain in P.M.
Peacocks have had Common Gallinule at Pine Ridge Pond for some days

5-14-78 Sun. 52° — 65°
Showers during night — then began again at 8:30 A.M. — wind SE, 12-15 mph. Rain ended about noon — total = 0.8"
Driving rain — 7:45 PM — with thunder.

✓ 23 White-eyed Vireos (20 S)	20+ Doves 6 Δ
1 Red-eyed " (S)	4-5 Crows
1 Redstart ♀	6-8 Jays 4 Δ
✗ 1 Wilson's Wds (2 S)	20+ Grackles 4 Δ
1 No. Oriole (S)	4-5 Red-wings 3 Δ
1 Yellowthroat (S)	2 Cowbirds
2 Thrashers (S) Δ	15-20 Starlings
1 Towhee (S)	3-4 House Sps. Δ

Woodchuck in yard

4 Barn Swallows 2 Song Sps. Δ
3 Blackpoll Ws. 2 C. Wrens
2 Catbirds 3-4 Goldfinches 1Δ
1 Indigo Bunting (s) 4-5 Chickadees Δ
10-15 C. Waxwings 3 Titmice Δ
20-30 Robins 2 Nuthatches Δ
20-25 Cardinals Δ 2-3 Meadowlarks
3-4 Mockers 3-4 Field Sps.
2 Flickers (s) 2 Chipping "
2 Red-bellies 2Δ 2-3 Bobwhites
3 Downys 3Δ Δ 1 Wood Thrush (s)
1 White-throats Δ 2 TVs
2 Yellow-r. Ws. 1 Ch. Swift
3 Swainson's Thrushes
1 Kingbird
1 Gr. Cr. Flycatcher

Grackles carrying food to nest.

5-15-78 Mon. 55° - 64°
Occ. light showers during night, continuing today - ending about 2:00 P.M. = 0.7"
Great fast-moving front from East - rain began 3:55 P.M. - heavy for a time (25 min) - thunder near Dulles

2 White-throats Δ 15-20 Doves Δ
4-5 Rose-br. Grosbeaks 4-5 Crows
2 White-eyed Vireos 5 Jays Δ
4-5 Red-eyed Vireos 20+ Grackles Δ
1 Yellowthroat 6-8 Red-wings 3Δ
2-3 Wilson's Ws. 2 Cowbirds
4 Barn Swallows 20 Starlings
2 Thrashers Δ 3-4 House Sps. Δ
1 Towhee 2 Song " Δ
1 Wood Thrush 2 C. Wrens
30 C. Waxwings 2-3 Goldfinches 2Δ
2 No. Orioles (s) 4-5 Chickadees Δ
2 Catbirds 3-4 Titmice Δ
1 Pine Warbler (s) 2 Nuthatches

2 Woodchucks - one on top of honeysuckle, eating black raspberry leaves

10-15 Robins
20± Cardinals
3-4 Mockers
? Flickers
2 Red-bellies
2 Downys
3 House Wrens
✓5 ? Ch. Swifts
3-4 Redstarts
✓1 Cape May W.
✓1 Gr.-cr. Flycatcher
✓1 Yellow W.

2-3 Meadowlarks
2-3 Field Sps.
2 Chipping "
1 Indigo Bunting ♂
2 Bobwhites △
1 Yellow-b. Cuckoo
✓12-15 Blackpoll Ws.
45 Yellow-r. Ws.
2 Orchard Orioles
1 Peewee
1 TV 2X
✓1 P. Martin 3X

5-16-78 Tues. 56° - 60°
Showers during early A.M. - total rainfall (incl. 0.7" = 1.6" rain

1 Woodchuck

✱ Canada W. ♂ (s)
✓2-3 Wilson's Ws.
✓4 Yellow-r. Ws.
✓1 Yellowthroat ♂ (s)
2 Orchard Orioles ♂♀ (s)
2 No. Orioles ♂♀ (s)
✓4-5 Rose-b. Grosbeaks
1 White-eyed Vireo (s)
3-5 Red-eyed Vireos (s)
12-15 Blackpolls (s)
4 Barn Swallows
2 Br. Thrashers
2 Catbirds
2 White-throats ♀△
1 Wood Thrush (s)
2 House Wrens (s)
1 Towhee (s)
✓2 Cape May Ws. (s)
✓1 Gr.-cr. Flycatcher (s)
3 Bobwhites

15-20 Doves
21 Crows
6-10 Jays
30-40 Grackles
5-6 Red-wings (s)
2 Cowbirds
20 Starlings
3-5 House Sps.
2 Song " (s)
2 C. Wrens (s)
2 Goldfinches ♂ △
4-5 Chickadees
3-4 Titmice
2 Nuthatches (s)
? Meadowlarks (s)
2 Field Sps. (s)
2 Chipping " (s)
2 Ch. Swifts
3-4 Redstarts

5/17/78

5-17-78 Wed. 54° – 68°
High clouds; overcast by 7:30 A.M.; clearing by 11:00 – warm – then overcast by 2:00 – drizzle began 6:40 PM – wind NW, 5-10 mph.

2 White-throats ♂♀ Δ 30-40 Doves 6 Δ (s)
6-8 (c) Red-eyed Vireos (s) 5-7 Crows
2 White-eyed " (2s) 20 Jays
8-10 Black-poll Ws. (s) 30-40 Grackles
1 La. Waterthrush (s) 6-10 Red-wings (s)
2 Thrashers ✓3 1-2 Cowbirds
1 Towhee (s) 20+ Starlings
2 Wilson's Ws. (2s) 3-5 House Sps.
4 Barn Swallows 2-3 Song " Δ (s)
1-2 Orchard Oriole (s) 2 C. Wrens Δ (s)
2 Yellowthroats (2s) 6-7 Goldfinches 2♂ Δ
3 House Wrens (2s) 4-5 Chickadees Δ (s)
1 Peewee (s) 3-4 Titmice (s) Δ
2 Catbirds (1s) 2 Nuthatches
15-20 Robins ✓2 (s) 2-3 Meadowlarks (s)

Woodchuck
Concorde

20-25 Cardinals Δ 2-3 Field Sps. (s)
3-4 Mockers 1-2 Chipping " (s)
1 Flicker (s) 2-3 Bobwhites (s)
2 Red-bellies Δ 4-5 Cape May Ws. (s)
2-3 Downys Δ 1 Indigo Bunting (s)
4-5 Tennessee Ws. (s) 2 No. Orioles (s)
6-8 Redstarts (s) 30 C. Waxwings
1 Acad. Flycatcher (s) ✓ 2 Ch. Swifts
✗ 1 Bald Eagle (ad) {S-NE 9:35 AM} 1 Yellow W. (s)
1 Gr.-cr. Flycatcher (s) 1 Rose-b. Grosbeak (c)
1 Yellow-b. Cuckoo (s) ~~Ch. Swift~~
1 Hummingbird

✓ Adult Bald Eagle, circling very slowly from south to N, then to NE, gradually rising in altitude – ce & I both saw for 5 min.
✓2 Remains of hatched Robin's egg on front lawn.
✓3 Young Thrashers calling in nest.

5-18-78 Thurs. 5¹⁰ – 7⁵⁰
Heavy fog to about 7:15 A.M. – then mostly sunny to about 2:00 P.M. – occ. few drops of rain

✓2 White-throats ♂ & ♀ 30+ Doves (S)
✓ 1 Blackburnian W. (S) 5-6 Crows
6-8 Redstarts (S) 6-8 Jays
1 White-eyed Vireo (S) 20+ Grackles
3-4(?) Red-eyed Vireos (S) 6-10 Red-wings (S)
4 Barn Swallows 2 Cowbirds (S)
2 Br. Thrashers ♂ & ♀ 20+ Starlings
1 Towhee (S) 4-5 House Sps.
1 Red-shoulder 2-3 Song " (S)
3 House Wrens (S) 2 C. Wrens (S)
1 Orchard Oriole (S) 2 Goldfinches (S)
20+ Robins (S) 4-5 Chickadees (S)
20+ Cardinals (S) 3-4 Titmice (S)
3-4 Mockers (S) 1-2 Nuthatches (S)
2 Flickers 3 Meadowlarks
(25)

2 Red-bellies 3-4 Field Sps.
2-3 Downys 2 Chipping "
2 Catbirds 3 Bobwhites
2 Yellowthroats 25-30 C. Waxwings
1 Hummingbird 3x ♂ 10 Blackpoll Ws.
1 Indigo Bunting ♂ 1 Peewee
1 Gr.-cr. Flycatcher 2 No. Orioles
1 Acad. Flycatcher ✓ 1 Kingbird 2x
✓3 Purple Martins ♀ 1 Wood Thrush
(+) 1 Cooper's Hawk SS-N 10:50AM
✓ 1-2 Yellow-r. Ws.
✓ 1 La. Waterthrush (S)
✓ A puzzle about Thrasher – young were calling in A.M. – adults were busy about nest when we left about 2:30 P.M. When we got back about 4:30 P.M., there was no activity around nest (none for remainder of day) – but a ♂ Thrasher was singing

stop a tree near stile, all afternoon (ours have not been singing for days) - then a second Thrasher flew to singer. Probably young were killed while we were out.
♀ 3 Purple Martins together - later 2 males, singly.

May 19, 1978 Fri. 57° - 76°
Cloudless; wind NNE, 5-10 mph. Cloudy by 10:00 AM. - Jim alone to Wmsburg Annual Meet. 1 PM

* To Winsbury today - VSO Annual Meeting - without Jessie!
2 No. Orioles ♂♀ (s) 30+ Doves
4-5 Redstarts (s) 4-5 Crows
1-2 Tennessee Ws. (s) 4-5 Jays

Count to 12:30 P.M. (EDT)

1 White-eyed Vireo(s) 20-30 Grackles
3-4 Red-eyed Vireos (s) 6-8 Red-wings (s)
1 Magnolia W. (s) 2 Cowbirds (s)
4 White-throats 20+ Starlings
1 Peewee (s) 3-5 House Sps.
4 Barn Swallows 2-3 Song " (s)
1+1 Purple Martin ♀♂ (s) 2 C. Wrens (s)
1 Indigo Bunting (s) 2 Goldfinches ♂♀
20-30 C. Waxwings 4-5 Chickadees (s)
1-2 Yellowthroats (s) 3-4 Titmice (s)
6-8 Blackpoll Ws. 2 Nuthatches
3 Br. Thrashers (2s) 3 Meadowlarks (2s)
1-2 Towhees (s) 2-3 Field Sps. (s)
15-20 Robins (s) 2-3 Chipping " (s)
20+ Cardinals (s) 3 Bobwhites (2s) ✓
3-4 Mockers (s) 2 Catbirds (s)
1-2 Flickers 1 Sc. Tanager (s)
2 Red-bellies 2-3 House Wrens (s)
2-3 Downys 1 Hummingbird ♂
* 1 Hooded W. (s) 1 Acad. Flycatcher (s)
1 Gr.-cr. Flycatcher (s) 1 Kingbird

1 Rose-br. Grosbeak (c)
1 Orchard Oriole (s)
1 Yellow-b. Cuckoo

CORRECTION on THRAsher
- Young calling this A.M. -
singing bird near stile a
new arrival - "our" pair
around nest and male
resumed territorial singing

5-19-78 ce notes
8 doves △
✓ Bob white ♂ in drive
Thrasher on fence beyond Oasis
Dan Keeney: 7:20 PM just
✓ counted 170 Night Hawks
over his patio, I went
out to see if I could see
some = immediatly saw 2
fly tree top toward over McAvoys
I'm sure I recog N. oriole song.

✓ ♂ Bobwhite in △, 7:15 PM

5-20-78 Sunny 56°-83°

✓ 2 White Throat
Carolina Wren bldg. back of butt can
✓ 1 nighth. 7 PM
1 Cuckoo "
Barn swallows mating

5-21-78 64°-97° Sunday
Home 1:50 P.M. - !!
No white Throats today
✓ Baby Thrashers cheepin' away - as parent approaches.

White-eyed Vireo
House Wrens
Robins
Cardinals
Mockers
Barn Swallows
Indigo Bunting
Br. Thrashers
Towhee
2 E. Kingbirds
Peewees
Blackpoll Ws.
25 C. Waxwings
Yellowthroat
Red-bellies
Downys
Orchard Oriole

Doves
Crows
Jays
Grackles
Redwings
Cowbirds
Starlings
House Sps.
Song "
C. Wrens
Goldfinches
Chickadees
Titmice
Nuthatches
Meadowlarks
Field Sps.
Chipping Sps
Bobwhites

5-22-78 Mon. 45° – 73°
Clear; scattered hig[h] ~~fo~~ clouds in afternoon — wind S, 5-10 mph

✓ 5-6 Blackpoll Ws. (S)
✓ 2 Magnolia Ws. 2♂ (S) 2♀
✓ 3 Yellowthroats 1♀ (S)
1 White-eyed Vireo (S)
2-3 Red-eyed Vireos (S)
1 Gr.-cr. Flycatcher (S)
1 Acad. " (S)
3 House Wrens (S)
3 Barn Swallows
2 Indigo Buntings ♂♀
3-4 Thrashers
8-10 Robins (1S)
10-15 Cardinals ♂♀ (S)
3-4 Mockers
1 Flicker

30+ Doves (S)
4-5 Crows
3-4 Jays
10-15 Grackles
5-6 Red-wings (S)
2 Cowbirds (S)
10-15 Starlings
3-5 House Sps
7 Song " (S)
2 C. Wrens (1S)
2 Goldfinches (S)
4-5 Chickadees (S)
3-4 Titmice (S)
1-2 Nuthatches
2-3 Meadowlarks (S)

2 Red-bellies 2-3 Field sps.
2 Downys 2 Chipping "
✓ 1 La. Waterthrush (s) 2-3 Bob-whites
1 Peewee ✓ 4-5 Redstarts (s)
1 Yellow-b. Cuckoo 20+ C. Waxwings
1 Red-shoulder 2X
✓ 1 Rose-br. Grosbeak (s)
✓ 1 White-throat ♂ Δ
~~1 Hummingbird ♂~~ 5:55 PM

✓ ♀ Cardinal collecting nest material – stripping old "poke-weed" bushes.

5-23-78 Tues. 48° – 75°
High, scattered clouds early; mostly overcast by 9:00 A.M. Wind 5, 5-15 mph, at times. Very light shower began about 4:30 P.M.

Away 9:20-11:00 A.M. – and 1:00 – 3:30 P.M.

1 Green Heron	30+ Doves
1 No. Oriole	5-6 Crows
1 Gr.-cr. Flycatcher	4-6 Jays
1 Acad. "	20+ Grackles
1 Peewee	4-5 Red-wings
2-4 Red-eyed Vireos	1-2 Cowbirds
1 White-eyed Vireo	15-20 Starlings
2-3 House Wrens	4-5 House Sps.
15 C. Waxwings	2 Song "
1 Yellowthroat	1-2 C. Wrens
6-8 4-5 Blackpoll Ws.	1-2 Goldfinches
3 Barn Swallows	4-5 Chickadees
3-4 Thrashers	3-4 Titmice
2 Catbirds	2-3 Meadowlarks
10-15 Robins	2 Field Sps.
10-15 Cardinals	2 Chipping Sps.
3-4 Mockers	2-3 Bob-whites
1-2 Flickers	1 Phoebe
2 Red-bellies	1 Indigo Bunting ♂ 2X 5:35
2 Downys	1 Hummingbird ♂ 2X
2 Kingbirds in yard	

Woodchuck

5-24-78 Wed. 64° - 74°
Some misty drizzle in night - heavy overcast in A.M.
Shower began 7:20 A.M. (10-15 min) - again 12:10 PM - 5 min. - overcast, wind SSE, 10-15 mph.

10-12 Blackpoll Ws. — 30+ Doves
1 Magnolia W. — 4-5 Crows
1 White-eyed Vireo (25) — 4 Jays
2 Red-eyed Vireos — 15-20 Grackles
3 House Wrens (25) — 4-5 Red-wings
10-15 C. Waxwings — 1-2 Cowbirds
2 Indigo Buntings — 10-12 Starlings
1 Yellowthroat ♂ — 3-4 House Sps.
10-15 Robins — 2 Song "
10-15 Cardinals — 2 C. Wrens
3-4 Mockers — 4-5 Chickadees
1 Flicker — 3-4 Titmice
2 Red-bellies — 1-2 Nuthatches

2 Downys — 2-3 Meadowlarks
4 Barn Swallows — 2-3 Field Sps.
1 Towhee — 1 Chipping "
3-4 Thrashers — 3 Bobwhites
2 Catbirds — 1 Acad. Flycatcher
2 Redstarts — 1 Gr.-cr. Flycatcher
1 Peewee — 1 Phoebe
X 1 Blue Grosbeak(s) ~~2 Redstarts~~
1 Yellow-b. Cuckoo — 1 Fish Crow
1 Orchard Oriole — 1 Red-shoulder 2
1 Hummingbird ♂ — 1 Killdeer
2 P. Martins — 1 Kingbird

5-25-78 Thurs. 60° - 84°
Cloudless; wind NE,

Woodchuck

5-6 Blackpoll Ws.	30+ Doves
5-6 Redstarts	5-6 Crows
1 Yellow-br. Chat (S)	4-6 Jays
1 No. Oriole (S)	20-30 Grackles
3 House Wrens (2S)	5-6 Red-wings
1 White-eyed Vireo	1-2 Cowbirds
1-2 Red-eyed Vireos	10-15 Starlings
50 C. Waxwings	4 House Sps.
1 Indigo Bunting	2 Song "
1 Yellowthroat ♂	1-2 C. Wrens
4 Barn Swallows	1-2 Goldfinches
10-12 Robins	4-5 Chickadees
15 Cardinals	3-4 Titmice
3-4 Mockers	1-2 Nuthatches
1 Flicker	2-3 Meadowlarks
2 Red-bellies	2-3 Field Sps.
2 Downys	1-2 Chipping "
1 Pewee	3 Bobwhites
1 Acad. Flycatcher	1 T.V.
1 Kingbird	1 Orchard Oriole (S)
1 Ch. Swift	1 Red-shoulder →

1 Hummingbird ♂ 1 Killdeer
✓ 1 Barred Owl (C)

5-25-78

Grey Fox at edge of Hampshire's north meadow (10:00 AM.) - being harassed by 2-3 Crows.

Large Racoon in back yard - first spotted by Claire.

GROCERY
29¢

JIM EIKE